Ford Motor Company

# Off-Site Remedial Investigation Report Belden Court and Alden Village

**Ford Livonia Transmission Plant**
**Livonia, Michigan**

June 9,2026

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**Livonia, Michigan**

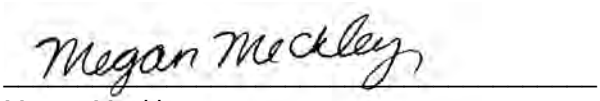
Court Case: No. 2: 1712372-GAD-RSW

**June 9, 2026**

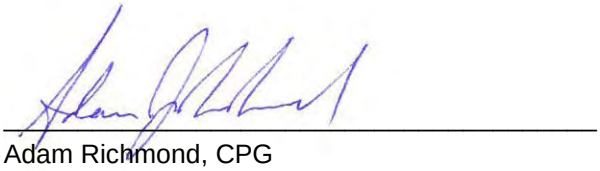

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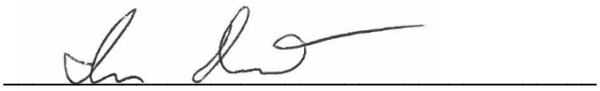
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# Acronyms and Abbreviations

| | |
|---|---|
| µg/L | microgram per liter |
| µg/m$^3$ | microgram per cubic meter |
| 1,1-DCA | 1,1-dichloroethane |
| 1,1-DCE | 1,1-dichloroethene |
| 1,1,1-TCA | 1,1,1-trichloroethane |
| 1,2-DCE | 1,2-dichloroethene |
| amsl | above mean sea level |
| AOC | area of concern |
| Arcadis | Arcadis of Michigan, LLC |
| ATNPC | Automatic Transmission New Product Center |
| BC/AV | Belden Court/Alden Village |
| bgs | below ground surface |
| CADENA | CADENA Incorporated |
| cis-1,2-DCE | cis-1,2-dichloroethene |
| COC | contaminant of concern |
| CSM | conceptual site model |
| cVOC | chlorinated volatile organic compound |
| DCE | dichloroethene |
| DSITMS | direct-sampling ion trap mass spectrometry |
| EATL | Eurofins Air Toxics Laboratory |
| EGLE | Michigan Department of Environment, Great Lakes, and Energy |
| EQuIS | Environmental Quality Information System |
| ESD | Eastern Storm Drain |
| Est-K | estimated conductivity |
| EVS | Earth Volumetric Studio |
| Ford | Ford Motor Company |
| feet/d | feet per day |
| GLWA | Great Lakes Water Authority |
| GSI | groundwater-surface water interface |
| HCS | hydraulic control system |
| HPT | hydraulic profiling tool |
| ISCR | in-situ chemical reduction |
| K | hydraulic conductivity |
| LIF | laser-induced fluorescence |
| LNAPL | light non-aqueous phase liquid |
| LTP | Livonia Transmission Plant |
| MDARD | Michigan Department of Agriculture and Rural Development |
| MIP | membrane interface probe |
| mL | milliliter |
| MS | matrix spike |
| MSD | matrix spike duplicate |
| Pace | Pace Analytical Services, Inc. |
| PCB | polychlorinated biphenyl |
| PCE | tetrachloroethene |
| PID | photoionization detector |
| PRB | permeable reactive barrier |
| PVC | polyvinyl chloride |
| QA | quality assurance |
| QAPP | Quality Assurance Project Plan |
| QC | quality control |
| RAP | Remedial Action Plan |
| RDWC | Residential Drinking Water Criteria |
| RespAP | Response Activity Plan |
| RI | remedial investigation |
| ROW | right-of-way |
| SAMH | sanitary sewer manhole |
| SIM | selected ion monitoring |
| SOP | standard operating procedure |
| SSMP | sub-slab monitoring point |
| SSVIAC | site-specific volatilization to indoor air criteria |
| STMH | storm sewer manhole |
| SVMP | soil vapor monitoring point |
| SVOC | semi-volatile organic compound |
| TCE | trichloroethene |
| TDL | target detection limit |
| trans-1,2-DCE | trans-1,2-dichloroethene |
| Triad | Triad Environmental Solutions, Inc. |
| UC RespAP | Utility Corridor Response Activity Plan |
| USEPA | United States Environmental Protection Agency |
| VAP | vertical aquifer profile |
| VC | vinyl chloride |
| VC+1,2-DCA | vinyl chloride plus 1,2-dichloroethane |
| VI | vapor intrusion |
| VI RespAP | Response Activity Plan – Vapor Intrusion |
| VIAP | Volatilization to Indoor Air Pathway |
| VOC | volatile organic compound |
| WCSS | whole-core soil sampling |
| ZVI | zero-valent iron |

# Executive Summary

On behalf of Ford Motor Company (Ford), Arcadis of Michigan, LLC (Arcadis) has prepared this Remedial Investigation Report for the off-site commercial and residential areas adjacent to the Ford Livonia Transmission Plant (LTP) site located at 36200 Plymouth Road in Livonia, Michigan (referred to as the Site and/or Property). This report summarizes response activities conducted by Ford including those required by Consent Decree No. 2:1712372-GAD-RSW filed July 22, 2017. The Area of Concern (AOC) for this Report includes the eastern portion of the Property and the off-site commercial and residential areas located north and east of the Site. The AOC boundary is included on **Figure ES-1**.

Extensive investigation and interim remediation have been completed on the Property, and the on-site investigation is largely summarized in the 2017 Conceptual Site Model report (CSM; Arcadis 2017c) and will be formalized as a future remedial investigation (RI) submittal. An off-site utility corridor investigation, completed to assess impacts to downgradient sewers, is summarized as an RI under separate cover (Off-Site Utility Corridor – Plymouth Road, Stark Road, Hathaway Avenue, and Farmington Road Remedial Investigation Report; Arcadis 2025). The goal of this off-site RI is to define the nature and extent of the off-site impacts to all environmental media and evaluate potential risk to off-site receptors in the off-site commercial and residential areas located north and east of the LTP. The resulting off-site CSM will support the final Remedial Action Plan (RAP) for the AOC.

Following the detection of vinyl chloride (VC) in groundwater at concentrations above generic Part 201 residential criteria at the east property boundary, Arcadis completed several phases of work on site beginning in October 2015. The work consisted of adaptive investigation using high-resolution methods such as the Geoprobe™ Hydraulic Profiling Tool (HPT) combined with vertical aquifer profile (VAP) groundwater sampling, whole core soil sampling (WCSS), and laser-induced fluorescence (LIF) borings to define light non-aqueous phase liquid (LNAPL). The results of the on-site work identified a groundwater plume, consisting primarily of chlorinated volatile organic compounds (cVOCs), extending east from the LTP building to the east property boundary (Arcadis 2017c). Groundwater impacts with the highest concentrations of cVOCs observed at the Site were historically captured by a north-south storm drain (Eastern Storm Drain [ESD]) located west of the Automatic Transmission New Product Center (ATNPC) building, with only low concentrations of VC reaching the southeastern property boundary. A northern area of more dilute groundwater impacts, originating near the site wastewater treatment plant, migrated beneath the ESD to the eastern property boundary.

To reduce and/or eliminate the off-site migration of cVOCs in groundwater, interim measures have been implemented on site since 2016 including the installation of a hydraulic control system (HCS) and a permeable reactive barrier (PRB). The HCS was installed in 2016 as an interim measure to capture the groundwater plume and prevent additional migration of impacts east of the Property. The HCS effectively captures the groundwater flux migrating east from the LTP source areas and is located between the Test Track and ATNPC building interior to the Site. To supplement the northern part of the HCS system, where capture was less certain, a PRB was installed in 2023 downgradient of the HCS and east of the ATNPC building to treat impacted groundwater before migration off site. The HCS and PRB systems are shown on **Figure ES-1**.

Beginning in 2016, three phases of HPT and VAP sampling were completed off site to further define the lateral and vertical extent of impacts. After each phase of work, the data were evaluated, and additional work was completed as necessary until delineation of VC impacts to the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Part 201 generic residential criteria was complete. The initial set of permanent monitoring wells was installed along the core and perimeter of the off-site groundwater plume, typically at the depth interval of the highest concentration of identified VC during VAP sampling. These intervals were typically deeper within the perched aquifer and below the water table. Soil vapor monitoring probes (SVMPs) were installed along the core and perimeter of the off-site groundwater plume to assess the potential vapor intrusion (VI) risk to residential

and commercial structures. Following the issuance of the 2017 Consent Decree, the focus of the off-site RI shifted to the VI pathway, and water table monitoring wells were installed throughout the residential neighborhood in phases beginning in 2018. EGLE requested installation of water table monitoring wells to define the extent of shallow VC impacts and the potential for VI. Monitoring well locations are included on **Figure ES-1**.

The site investigation and monitoring data collected from within the AOC, beginning in 2015 and continuing through second quarter 2025, show that impacts within the AOC have been delineated to EGLE Part 201 generic residential criteria. Hydrogeology has been characterized within the AOC, and the resulting CSM describes the preferential groundwater and vapor transport pathways. The key takeaways from the off-site investigation include the following:

- Shallow soils in the AOC consist of sand-gravel outwash to a depth of approximately 10 to 12 feet below ground surface (bgs). The outwash is underlain by a zone of interbedded silt/clay, silty sand, and fine sand extending to a depth of approximately 25 feet bgs, which then transitions to a low-permeability lacustrine clay. The sandy outwash and interbedded zone make up the unconfined aquifer, in which the observed groundwater plume is located. The lacustrine clay acts as an aquitard, is approximately 35 to 45 feet thick, and extends to an approximate depth of 70 feet bgs. Under the lacustrine clay is a layer of dense glacial till approximately 10 to 15 feet thick, and beneath the till is a saturated gravel unit that extends to a depth of approximately 80 to 105 feet bgs. The gravel unit represents the confined aquifer. Groundwater elevation within the deep gravel unit is 15 to 20 feet lower than that measured within the unconfined aquifer and demonstrates hydraulic separation between the two zones. The gravel unit is underlain by shale bedrock.
- Most groundwater flux occurs in the shallowest portions of the unconfined aquifer within the outwash deposits. The estimated seepage velocity for the outwash ranges from 0.5 to 2 feet per day (feet/d). For the interbedded zone, groundwater within the clay/silt beds is effectively immobile and dominated by diffusion, whereas advection in the silt/sand interbeds may have seepage velocities up to 0.5 foot/d.
- Contaminant migration is driven by advection in the outwash and a combination of slow advection and diffusion within the interbedded zone. Mass storage within the clay/silt layers within the interbedded zone diffuse back to the advective zones over time (i.e., back-diffusion) as indicated by the persistent low concentrations observed in the off-site monitoring well network, particularly in monitoring wells installed within the interbedded zone. The current extent of VC within the AOC, as of second quarter 2025, is shown on **Figure ES-1.**
- Off site, within the Alden Village subdivision area, groundwater impacts primarily consist of VC. Near the water table, the VC concentrations are low, ranging from non-detect to 1.7 micrograms per liter (µg/L). The highest concentrations of impacted groundwater are found within the interbedded zone of the unconfined aquifer above the lacustrine clay aquitard at depths of approximately 15 to 20 feet bgs. Within the AOC, the decreasing concentrations and VC plume footprint in the shallow water table aquifer are likely related to the operation of the HCS, passive treatment associated with the PRB, and natural attenuation.
- Soil samples collected on site do not suggest a source mass present at or near the property boundary, and soil samples collected within the AOC between the HCS and the property boundary were non-detect for all site-related contaminants of concern (COCs). There is no evidence of historical operations or the potential for release of COCs in the AOC included as part of this RI, either on site or off site, that would have contaminated vadose-zone soils. Therefore, off-site soil sampling was not completed as part of this RI.
- Before the construction of the Alden Village subdivision and Belden Court industrial properties, much of the AOC included wetlands. When construction of these properties began, the land was graded to build roads and structures, and the wetlands were destroyed. Presently, there is only one wetland area within the AOC consisting of two man-made freshwater retention ponds located north of Rosati Avenue.

- Mann-Kendall analysis was used to evaluate VC plume stability within the AOC. To qualify for Mann-Kendall analysis, a monitoring well must have 50 percent detections and at least one exceedance of relevant criteria over the monitoring period. The results of the Mann-Kendall analysis show that the HCS and PRB are both effectively capturing and/or treating groundwater on site with statistically stable or decreasing concentrations downgradient of the systems, with some exceptions. Monitoring wells with statistically significant increasing VC trends have single-digit part per billion concentrations, and trends may be related to multiple factors including depth of the well and location relative to the HCS and PRB systems. Deeper wells installed in the interbedded zone will exhibit more persistent concentrations due to mass storage and back-diffusion over time.
- Soil vapor impacts were identified outside and near the southwest corner of the ATNPC building. Sub-slab monitoring points (SSMPs) were installed and sampled within the ATNPC building to determine if VI was occurring under the slab. Results from the data collected indicate there is no VI occurring under the slab of the ATNPC building. Details regarding this investigation will be provided in the future on-site RI report. Additional sampling of SVMPs at the eastern property boundary and throughout the off-site portion of the AOC show that site-related COCs are not present in soil vapor at concentrations above the residential site-specific volatilization to indoor air criteria (SSVIAC).
- Results from sampling of sewers for vapor, liquid, and sediment within the AOC suggest that the off-site VC groundwater plume is either not entering the sewer structures or is not impacting liquid or vapor conditions within the sewers. COCs other than VC are sporadically detected in sewers within the AOC (including 1,4-dioxane, cis-1,2-dichloroethene [DCE], tetrachloroethene [PCE], and trichloroethene [TCE]) but do not appear to be related to the LTP VC plume.
- Potential human health exposure pathways will be considered as part of a future RAP. Receptors in the AOC may be exposed to impacted soil, groundwater, soil vapor, and other media (liquid, sediment, and vapors) in the utility corridors. Potential human receptors in the AOC may be exposed to contaminants in impacted media via the following relevant exposure pathways:
    - Exposure to groundwater used as potable water via ingestion and dermal contact and inhalation of volatile compounds in indoor air due to potable use of groundwater;
    - Exposure via inhalation to vapors migrating from groundwater, sump water, and soil gas into indoor air;
    - Exposure to shallow groundwater during construction via incidental ingestion, dermal contact, and inhalation of volatile compounds migrating from shallow groundwater into an excavation or a utility trench;
    - Exposure to media (liquid, sediment, and vapors) in utility corridors during utility work;
    - Exposure to shallow groundwater migrating to surface water and sediment in the retention ponds on Rosati Avenue via incidental ingestion of and dermal contact with surface water and sediment; and
    - Exposure to groundwater that has infiltrated into storm sewers that eventually discharge to the Middle Rouge River, which is the closest surface water feature (between 3,500 and 3,800 feet south of the AOC), via incidental ingestion and dermal contact.
- Potential ecological exposure pathways will be considered as part of a future RAP. For ecological receptors, exposure to wetland soils in the surface depth interval is possible, but habitat is limited in the AOC because most areas are maintained as residential/commercial properties. Potential ecological receptors in the AOC may be exposed to contaminants in impacted media via the following relevant exposure pathways:
    - Exposure to shallow groundwater migrating to surface water and sediment in the retention ponds on Rosati Avenue via direct contact with surface water and sediment; and
    - Exposure to water and sediment potentially impacted by groundwater that has infiltrated into storm sewers that eventually discharge to the Middle Rouge River.




**LEGEND**

- INTERBEDDED ZONE MONITORING WELL (TOTAL DEPTH UP TO 25 FT BGS)
- SHALLOW MONITORING WELL (INTERSECTS WATER TABLE)
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- HCS DISCHARGE LINE
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- PERMEABLE REACTIVE BARRIER
- AREA OF CONCERN
- FORD PROPERTY BOUNDARY
- PROPERTY BOUNDARY
- COMMERCIAL PROPERTY
- RESIDENTIAL PROPERTY

NOTES:

AOC = AREA OF CONCERN

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC = EASTERN DIVERSION CHAMBER

ESD = EASTERN STORM DRAIN

FT BGS = FEET BELOW GROUND SURFACE

HDPE = HIGH-DENSITY POLYETHYLENE

HCS = HYDRAULIC CONTROL SYSTEM

SDR = STANDARD DIMENSIONAL RATIO

2Q = SECOND QUARTER

0 400 800

SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# SITE CONDITIONS

ARCADIS

FIGURE
**ES-1**

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure ES-1 - Site Conditions.aprx PLOTTED: 10/30/2025 4:00 AM BY: TYarbrough

# 1 Introduction

On behalf of Ford Motor Company (Ford), Arcadis of Michigan, LLC (Arcadis) has prepared this report (Report or RI Report) to document the remedial investigation (RI) conducted for the Ford Livonia Transmission Plant (LTP) located at 36200 Plymouth Road in Livonia, Michigan (referred to as the Site and/or the Property) associated with Part 201 Facility ID #82002970. The RI reporting for the LTP has been broken out into the following three areas:

1. Off-Site RI – Area of Concern (AOC) including the eastern boundary area of the Property and commercial and residential properties north and east of the Property (i.e., the area covered in this report);
2. On-Site RI – AOC composed of all areas within the property boundary including the LTP, test track, wastewater pre-treatment plant, Automatic Transmission Plant New Product Center (ATNPC), associated outbuildings, and the commercial and residential area extending from Plymouth Road south to the Middle Rouge River (future submittal); and
3. Off-Site Utility Corridor - Plymouth Road, Stark Road, Hathaway Avenue, and Farmington Road RI – documenting utility corridor evaluation from on-site storm water discharge location SL-2 downgradient to the intersection of Hathaway Avenue and Farmington Road, located southeast of the Property (Arcadis 2025).

This Report focuses on the eastern property boundary and off-site commercial and residential areas located north and east of the Property. The property location and the adjacent residential and commercial areas comprising the AOC for this report are shown on **Figures 1** and **2**. The on-site investigation is largely summarized in the 2017 Conceptual Site Model (CSM; Arcadis 2017c) report. Although extensive investigation and interim corrective action have been completed on the Property, much of the investigation focus has been to address off-site risk associated with downgradient groundwater plume migration. The goal of this off-site RI Report is to define the nature and extent of the off-site impacts to all environmental media and evaluate potential risk to off-site receptors. The resulting CSM will support the final Remedial Action Plan (RAP) for the off-site AOC.

Information in this RI Report is organized as follows:

| Section | Content |
|---|---|
| 1 | Project Overview, Objectives of Remedial Investigation, Regulatory Context |
| 2 | Historical Land Use, Previous Investigations |
| 3 | Field Activities and Methods, Sampling Locations (Groundwater, Vapor, and Sewer), Sampling Frequency, Laboratory Methods |
| 4 | Geology and Hydrogeology, Contaminant Distribution, Contaminant Levels, Transport Mechanisms |
| 5 | Exposure Pathways, Receptor Identification, Risk Evaluation |
| 6 | Ecological Receptors, Assessment Methods, Findings |
| 7 | Toxicity Information, Exposure Scenarios, Receptor Populations |
| 8 | Data Quality, Uncertainty |
| 9 | Contaminate Summary, Risk Summary, Site Conditions |
| 10 | Conclusions, Response Action Recommendations |
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## 1.1 Area of Concern

The off-site AOC addressed in this RI Report includes commercial and residential properties located east of the property boundary to Stark Road and commercial properties north of the Property located west of Levan Road and extending to Stark Road, south of Veronica and Glendale Streets (**Figure 2**). As requested by the Michigan Department of Environment, Great Lakes, and Energy (EGLE), the AOC has been extended onto the Property to include wells in the immediate vicinity and downgradient of the hydraulic control system (HCS) and permeable reactive barrier (PRB), which are located near the eastern boundary of the Property. Additional detail regarding the HCS and PRB systems is provided in Section 2.3.

## 1.2 Objectives of the Remedial Investigation

The objectives of the off-site remedial investigation include:

- Characterize and delineate off-site impacted media to EGLE Part 201 Residential Generic Cleanup Criteria.
- Evaluate the potential environmental risk to human health and the environment.
- Develop a CSM sufficient to support the development of a RAP.

## 1.3 Regulatory Context

Before Consent Decree No. 2:1712372-GAD-RSW (Consent Decree) was filed with EGLE on July 22, 2017, Ford completed the site investigation (both on-site and off-site) voluntarily in collaboration with the EGLE. The mobilizations and phases of the investigation are identified as **Exhibits 1** and **2**. Frequent discussion with EGLE during the off-site investigation has been undertaken in the form of in-person meetings, conference calls, emails, and reporting with subsequent response to comments. A table summarizing communication with EGLE is provided as **Appendix A**. Additional documentation of reports, EGLE-related correspondence and approvals, and data package submittals relating to the off-site residential properties is posted at the Ford-maintained website located at: https://fordlivoniabostonbeaconproject.com.

The RI was performed in accordance with the following documents as approved and/or approved with modifications by EGLE:

- Soil Vapor Evaluation Work Plan for Commercial Area and Residential Neighborhood East of Ford Motor Company Livonia Transmission Plant (Arcadis 2017a);
- Workplan for the off-site Groundwater Monitoring and Plume Stability Evaluation in the Residential Neighborhood East of the Ford Motor Company Livonia Transmission Plant (Arcadis 2017b); and
- Response Activity Plan – Interim Response Activities for Zero Valent Iron (ZVI) Injections at Ford – Livonia Transmission Plant (Arcadis 2023) approved with modifications by EGLE on July 20, 2023.

Upon commencement of the Consent Decree, the RI was performed in accordance with three Response Activity Plans (RespAPs) to satisfy the following Consent Decree sections:

- Section 6.6 and 6.6(b)(i) - Completed in accordance with the Response Activity Plan – Vapor Intrusion Evaluation (VI RespAP; Arcadis 2018a) approved by EGLE on August 30, 2018;
- Section 6.6 (a)(ii)(A) and Section 6.7 - Completed in accordance with the Response Activity Plan – Remedial Investigation (RI RespAP; Arcadis 2018b) approved by EGLE on August 30, 2018; and Section 6.7(a)(v) - Completed in accordance with the Response Activity Plan – Utility Corridor Evaluation Revised (UC RespAP; Arcadis 2020) approved by EGLE on March 5, 2020.

# 2 Property History

The Property has been used for manufacturing since the 1950s, and the Alden Village subdivision was built during the 1940s. Over time, additional commercial and residential properties built up around the area. This section details the history and development of the Property and the surrounding commercial and residential areas.

## 2.1 Historical Land Use

Based on historical aerial photographs, provided as **Appendix B**, construction of some of the off-site commercial and residential areas began along the Plymouth Road corridor in the early 1940s. Before construction of the Alden Village subdivision, the land was used for agricultural purposes. The LTP Site was constructed in 1952. Development of additional commercial properties began along Plymouth Road in the 1950s. The Alden Village subdivision was built in the 1940s. Commercial properties along Belden Court began to appear in approximately 1987.

## 2.2 Previous Investigations

Before the issuance of the 2017 Consent Decree, the site investigation activities at LTP began when soil impacts were identified during construction in July 2014. An initial investigation by Golder Associates (Golder) near the southeastern portion of the LTP building identified potential source areas. Ultimately, the investigation expanded to include the entire LTP building footprint as well as the eastern portion of the 175-acre Property. Golder used soil borings with soil sampling, laser-induced fluorescence (LIF), and membrane interface probe (MIP) investigation techniques during their investigation. Results from the investigation identified an area of light non-aqueous phase liquid (LNAPL) beneath the building as well as two chlorinated volatile organic compound (cVOC) areas extending from the building to the east. The cVOC impacts consist chiefly of trichloroethene (TCE), cis-1,2- and trans-1,2-dichloroethene (DCE), and vinyl chloride (VC). Beginning in January 2015, Golder completed an additional subsurface investigation related to the cVOC impacts, culminating in the installation of 50 monitoring wells (MW-01 through MW-05, MW-07, MW-09, MW-10, MW-14, and MW-18 through MW-58) throughout the Property. At each monitoring well location, up to two soil samples were collected during installation and submitted for volatile organic compound (VOC) analysis using Method 8260 to evaluate vadose-zone soils. The monitoring well screens were placed at the base of the unconfined aquifer at total depths of approximately 20 feet below ground surface (bgs). By the summer of 2015, VC had been identified in groundwater at the eastern property boundary at three monitoring well locations (MW-33, MW-43, and MW-53). The initial investigation completed by Golder is reported in the Summary of Subsurface Investigations (3rd Quarter 2014 – 3rd quarter 2015) prepared by Golder Associates in 2015.

Following the initial investigation and monitoring well installation by Golder in 2014/2015 and the detection of VC at concentrations above residential criteria at the property boundary, Arcadis completed several phases of work beginning in October 2015. The work consisted of adaptive investigation using a hydraulic profiling tool (HPT) combined with vertical aquifer profiling (VAP), whole core soil sampling (WCSS), and LIF borings to define LNAPL. A general chronology of investigation activities completed on the Property is provided as **Exhibit 1**. A more detailed account of the work completed is provided in the 2017 Conceptual Site Model Report (Arcadis 2017c), which will be updated during future submittals. An on-site RI will be prepared for the Site as well, with a target 2026/2027 submittal date.

The objectives of the on-site work were to define the hydrostratigraphy and cVOC distribution at the perimeter of the LTP; characterize mass flux across the primary plume pathways; define source areas and source strength; delineate LNAPL including LNAPL type, composition, and mobility; assess soil gas impacts both beneath the LTP and at the property boundary; and evaluate the potential for deep groundwater impacts in the confined saturated zone located above the bedrock. Much of the adaptive work was completed using mobile laboratories with split samples submitted to off-site laboratories for comparison.

During the initial phase of work, several samples collected from the LNAPL-impacted soils indicated the presence of 1,1,1-trichloroethane (1,1,1-TCA). 1,4-Dioxane was historically used as a stabilizer in 1,1,1-TCA. Consequently, VAP samples collected during the latter portion of the adaptive investigation, as well as samples collected from monitoring wells as part of routine monitoring, were evaluated for 1,4-dioxane. The analytical results for the portion of the work completed within the off-site AOC are summarized in **Tables 1** and **2.**

The results of the on-site work show cVOC plumes that extend from the LTP building to the east, consistent with the predominant groundwater flow direction. Site groundwater conditions are anaerobic near the LNAPL, which drives reductive dechlorination of cVOCs at the Site. As a result, TCE and DCE rapidly break down to VC. Groundwater impacts in the southern area of the Site, consisting of the highest concentrations of cVOCs observed at the Site, were historically captured by a storm drain running in a north-south direction and located west of the ATNPC Building (aka, Eastern Storm Drain [ESD]). A northern area of more dilute groundwater impacts, originating near the site wastewater treatment plant, migrated beneath the ESD to the eastern property boundary and off site.

***Exhibit 1: On-site Investigation Chronology***

| Date | Media | Event | Summary |
|---|---|---|---|
| July 2014 | Soil/Groundwater | On-site Construction | Initial discovery of soil and groundwater impacts during geotechnical boring installation. |
| September 2014 to August 2015 | Soil/Groundwater | Initial On-site Investigation (Golder) | Installation of 24 monitoring wells along the eastern and southern property lines (MW-30 to MW-35, MW-38 to MW-43, MW-45 to MW-48, MW-50, MW-52 to MW-54S/MW-54D, MW-55S, MW-55D, and MW-57). |
| July 2015 | Groundwater | On-site Groundwater Sampling (Golder) | VC detected at concentrations above residential criteria in wells along eastern property boundary. |
| October 2015 to December 2015 | Groundwater | Rapid Site Characterization | Completion of 26 HPT/VAP borings (HPT-03 to HPT-13, HPT-15, HPT-16, HPT-27, HPT-53 to HPT-55, HPT-64 to HPT-67, and HPT-70 to HPT-74) using TRIAD mobile laboratory and six SVMPs (SVMP-15-03 to SVMP-15-08). |
| December 2015 | Groundwater | On-site Bedrock Monitoring Well Installation and Sampling | Installation of one bedrock monitoring well (MW-15-61D) to evaluate deep groundwater impacts and apparent flow. |
| May 2016 to June 2025 | Groundwater | Quarterly Groundwater Sampling | Quarterly gauging and sampling of monitoring wells for performance monitoring. |

| Date | Media | Event | Summary |
|---|---|---|---|
| May 2016 | Groundwater | Eastern Diversion Chamber Sampling | Initiation of monthly compliance sampling. |
| June 2016 | Groundwater | On-site Monitoring Well Installation | Installation of one pumping well (PW-16-01) and two test wells (TW-16-01 and TW-16-02) for HCS pre-design. |
| June 2016 | Vapor | On-site Vapor Intrusion Investigation | Installation of seven SVMPs (SVMP-16-03 to SVMP-16-09) adjacent to the ATNPC to evaluate vapor intrusion. |
| July 2016 | Groundwater | On-site HPT Investigation | Completion of 14 HPT/VAP borings (HPT-153 to HPT-166) for groundwater delineation. |
| September 2016 | Groundwater | On-site HPT Investigation | Completion of eight HPT/VAP borings (HPT-172 to HPT-179) for groundwater delineation and HCS pre-design. |
| November 2016 to March 2017 (system installation) | Groundwater | On-site HCS | Construction and startup of the HCS, which prevents migration of site-related groundwater impacts past the eastern property boundary (ongoing operation since 2017). Includes installation of horizontal recovery wells ESD-1 through ESD-4. |
| April 2017 | Groundwater | On-site Monitoring Well Installation | Installation of eight monitoring wells (MW-62 to MW-64, and MW-67 to MW-71) to evaluate the performance of the HCS. |
| October 2018 | Groundwater | Adaptive On-site Potential Source Investigation | Completion of two HPT/VAP borings (HPT-192 and HPT-193) to evaluate potential source areas adaptively using Pace Mobile Laboratory Services. |
| November 2018 | Groundwater | Performance Monitoring Well Installation | Installation of 13 piezometers (PZ-1 to PZ-13) to monitor performance of the on-site HCS. |
| January 2019 | Groundwater | On-site Investigation | Installation of one monitoring well along the northeastern property line (MW-122). |
| April 2019 | Groundwater | Performance Monitoring Well Installation | Installation of two piezometers (PZ-14 and PZ-15) to monitor the performance of the HCS. |
| January 2020 | Groundwater | On-site Monitoring Well Installation | Installation of eight shallow on-site monitoring wells (MW-208S to MW-213S, MW-218S, and MW-219S) to evaluate potential shallow groundwater impacts at the eastern and southeastern property boundaries. |

| Date | Media | Event | Summary |
|---|---|---|---|
| September 2023 | Groundwater | Permeable Reactive Barrier | Injection of ZVI to form a PRB, which supplements a portion of the HCS to mitigate the potential for off-site migration of VC-impacted groundwater at the northeastern edge of the Property. |
| September 2023 | Groundwater | On-site Monitoring Well Installation | Installation of two monitoring wells on site (MW-234 and MW-235) to evaluate potential groundwater impacts at the eastern property boundary and performance of the PRB. |

**Notes:**
COC = contaminant of concern
SVMP = soil vapor monitoring point

The focus of this RI is to summarize the work completed to delineate the off-site lateral and vertical extent of groundwater impacts and define the potential risk to off-site receptors. Beginning in 2016, three phases of HPT and VAP sampling were completed for rapid delineation. A general chronology of investigation activities completed off site is provided as **Exhibit 2**. At each boring location, the HPT boring was advanced, and then between two and five VAP samples were collected. The VAP sample intervals were biased to permeable intervals observed in the HPT log. After each phase of work, the data were evaluated, and additional work was completed as necessary until impacts were delineated to the most restrictive EGLE Part 201 Generic Cleanup Criteria. The initial permanent monitoring wells were installed along the cores and perimeters of the off-site groundwater plume(s) within the interval of highest VC concentration identified by the VAP sampling. These intervals were typically deeper within the perched aquifer, below the water table. SVMPs were installed along the cores and perimeters of the off-site groundwater plume(s) to assess the potential VI risk to residential and commercial structures. Following the issuance of the 2017 Consent Decree, the focus of the off-site RI was primarily on the VI pathway. One hundred and twenty-five water table monitoring wells were installed throughout the residential neighborhood in phases beginning in 2018, which met the obligations requested in EGLE's February 19, 2019 Letter (EGLE 2019b).

The initial extents of the VC plumes within the AOC, as defined with HPT and VAP data, were presented to EGLE in 2017 and are shown for reference on **Figure 3**. The historical VAP groundwater analytical data are summarized in **Table 1**. Permanent monitoring well installation beginning in 2018 focused on the water table of the unconfined aquifer with analytical results compared to the Site-Specific Volatilization to Indoor Air Criteria (SSVIAC) provided by EGLE on October 30, 2018; therefore, most of the off-site wells were installed within the shallow unconfined aquifer (130) with only 21 wells installed within the deeper portion of the unconfined aquifer, where the highest concentrations of VC are present.

The field methods used during the investigations are described in Section 3.0, with detailed evaluation of the results and trends provided in Section 4.0. The HPT and VAP data from the initial delineation were used to develop a CSM that provides the frame of reference for the interpretation of the monitoring well data collected thereafter from 2017 to 2025. This report includes monitoring well data up to the second quarter of 2025.

***Exhibit 2: Off-site Investigation Chronology***

| Date | Media | Event | Summary |
|---|---|---|---|
| October 2015 to December 2015 | Groundwater | Rapid Site Characterization | Completion of 11 HPT/VAP borings (HPT-28 to HPT-30 and HPT-56 to HPT-63) using a Triad mobile laboratory. |
| February 2016 to May 2016 | Groundwater | Off-site HPT Investigation | Completion of 45 HPT/VAP borings (HPT-75 to HPT-119) for groundwater delineation. |
| March 2016 | Vapor | Off-site Soil Vapor Investigation | Completion of two SVMPs (SVMP-16-01 and SVMP-16-02) adjacent to HPT-80 and HPT-97, respectively, to evaluate soil vapor. |
| March 2016 to June 2019 | Vapor | Off-site VI Investigation | Completion of SVMP sampling at the 45 off-site SVMP locations. |
| May 2016 to June 2025 | Groundwater | Quarterly Groundwater Sampling | Quarterly gauging and sampling of monitoring wells for performance monitoring. |
| July 2016 | Groundwater | Off-site HPT Investigation | Completion of 26 HPT/VAP borings (HPT-131 to HPT-152, and HPT-168 to HPT-171) for groundwater delineation. |
| May 2017 to June 2017 | Groundwater/Vapor | Off-site VI Investigation | Installation of 20 off-site monitoring wells (MW-72, MW-73S/D, MW-74, MW-75S/D, MW-76 to MW-78, MW-79S/D, MW-80S, MW-81, MW-82S/D, and MW-83 to MW-87) and 43 SVMPs (SVMP-01S/D, SVMP-02S/D, SVMP-03S/D, SVMP-04 to SVMP-24, SVMP-25S/D, SVMP-26 to SVMP-28, SVMP-29S/D, SVMP-30, SVMP-31, SVMP-32S/D, and SVMP-33 to SVMP-37). |
| June 2017 | Groundwater | Off-site VAP Investigation | Installation of nine VAP borings (VAP-29 to VAP-37) for groundwater delineation and potential vapor intrusion. |
| September 2018 to November 2018 | Groundwater | Off-site Groundwater Delineation | Completion of 16 HPT/VAP borings (HPT-194 to HPT-209) using the Pace Mobile Laboratory. |

| Date | Media | Event | Summary |
|---|---|---|---|
| October 2018 to January 2020 | Groundwater | Off-site Monitoring Well Installation | Installation of 125 shallow monitoring wells (MW-72S to MW-112S, MW-115S to MW-119S, MW-121S, MW-123S, MW-125S to MW-193S, MW-207S, MW-214S to MW-217S, MW-223S, and MW-225S) to evaluate groundwater and potential VI. Installation of six deep unconfined aquifer monitoring wells (MW-102, MW-125, MW-129, MW-187, MW-189, and MW-190) to supplement the existing monitoring network. |
| June 2020 to May 2022 | Liquid, Sediment, and Vapor | Off-site Utility Corridor Investigation | Liquid, sediment, and vapor sampling of storm sewers during baseflow conditions. The same set was collected from sanitary sewers. |

## 2.3 Interim Mitigation Systems

Ford has implemented interim measures voluntarily, under the guidance of EGLE, for the on-site portion of the AOC since 2016. The purpose of the interim mitigation system is to mitigate the potential for migration of site-related COCs in groundwater east of the property boundary. Operational details related to ongoing interim measures are reported to EGLE in quarterly progress reports. The sections below describe the interim measures in place near the eastern property boundary.

### 2.3.1 Hydraulic Control System

Before the installation of the HCS, most of the groundwater impacts related to the AOC were captured by infiltration into the ESD, which runs north-to-south, west of the ATNPC Building. This was particularly true for the southern portion of the Property, where the highest concentrations of COCs were migrating within the aquifer and the ESD was located below the water table. With the repair of the ESD in 2016, alternatives were reviewed to maintain capture of the groundwater impacts.

In August 2016, a pumping test was completed at the Site to determine key design parameters (such as flowrate, influent concentration, and estimated capture zones) for a full-scale HCS, which was designed and installed between November 2016 and March 2017 in parallel with the rehabilitation of the ESD. Ford began operation of the HCS in March 2017 immediately following the rehabilitation of the leaking ESD to maintain control of groundwater migration on the southern portion of the Site.

The system is designed to extract groundwater via four horizontal wells (ESD-1, ESD-2, ESD-3, and ESD-4), each equipped with a groundwater extraction pump. Each extraction well screen is 400 to 600 feet long; the combined length of the four wells extends across approximately 2,000 linear feet. Extracted groundwater is pumped to an above-grade treatment system, where it is treated by bag filters, an air stripper, and granular-activated carbon filters before being discharged to the sanitary sewer under a permit with Great Lakes Water Authority. The vapor from the air stripper is discharged in accordance with the air permitting exemption contained

in Michigan Air Pollution Control Rule 290, R 336.1290. The locations of the HCS treatment building and horizontal wells ESD-1 through ESD-4 are identified on **Figure 4A**.

HCS performance is being monitored and evaluated in accordance with the United States Environmental Protection Agency (USEPA) guidance for evaluation of capture zones at pump-and-treat systems (USEPA 2008) to verify that it is mitigating the potential for impacted groundwater to migrate from the LTP. Three lines of evidence are used to evaluate system performance:

1. Groundwater elevation and horizontal gradient;
2. Hydraulic response to pumping; and
3. Downgradient groundwater analytical trends.

Representative groundwater elevation contour maps are presented as part of Section 4.1.2. The HCS wells are a horizontal groundwater sink, oriented perpendicular to groundwater flow, that captures groundwater flux across the 2,000-foot cross-sectional area. The elevation of groundwater and the corresponding HCS total flowrate vary seasonally. The HCS extraction wells are equipped with variable-speed pumps and produce varied flowrates based on wet and dry seasons. The average monthly pumping rates (ranging from approximately 18 to 42 gallons per minute during system operation) are consistent with the range of ambient groundwater flux calculated for the Site. The groundwater contours suggest the removal of groundwater flux along the HCS with a more pronounced deflection around wells ESD-3 and ESD-4. This result is consistent with groundwater removal and capture at the Site.

Pressure transducers have been installed to monitor the system performance and influence of the aquifer system surrounding the HCS. Transducers are installed in 21 monitoring wells surrounding the HCS and located at the southern end of HCS wells ESD-1 through ESD-4, above the pump, and within the northern access vaults for each well. A summary of the transducer data is provided as part of the Quarterly Progress Reports. The transducers located at the southern end of each HCS well monitor pumping drawdown and modulate the pumping rates for each well. The transducers located at the northern end of each HCS well evaluate head loss along the lengths of the HCS well screens and help evaluate pumping efficiency. An upgradient well provides background water level data to help evaluate regional and seasonal groundwater elevation trends. In general, the transducer data show piezometer and monitoring well groundwater elevation response in phase with pumping response, indicating hydraulic communication between the HCS wells and the surrounding aquifer.

Concentration trends for TCE, total DCE, and VC are reviewed quarterly for representative wells located along the axis of impacted areas (on site and off site) and for wells located downgradient of the HCS system. Trend analysis for wells downgradient of the HCS exhibits statistically significant decreasing trends or stability, which verifies that the HCS is effectively capturing groundwater. A comprehensive groundwater stability analysis, including the wells in the vicinity of and downgradient of the HCS system, is provided as part of Section 4.3.

The HCS will continue to operate to mitigate the potential for migration of site-related COCs in groundwater until the associated off-site risks are addressed through an EGLE-approved RAP(s).

### 2.3.2 Permeable Reactive Barrier

Following EGLE approval of the RespAP titled Interim Response Activities for Property Boundary Zero Valent Iron (ZVI) Injections (Arcadis 2023) on July 20, 2023, ZVI injections were completed adjacent to the northeastern property boundary in September of 2023. The Injection of ZVI stimulates in-situ chemical reduction (ISCR) of VC, which supplements the northern portion of the HCS and supports mitigating the potential for off-site migration of VC-impacted groundwater.

**Figure 4A** displays the 750-foot horizontal PRB footprint at which ZVI was injected across 47 individual locations. Each individual injection point was composed of one to four vertical injection zones with intervals vertically spaced 4 feet apart. The injection intervals were installed at depths between 10 and 24 feet bgs and were positioned to intercept migration of VC-impacted groundwater. A total of 167,466 pounds of ZVI was emplaced across 114 injection intervals. Performance monitoring related to the ZVI PRB is ongoing and documented in quarterly report submittals in accordance with the approved RespAP.

In the second quarter of 2025, groundwater analytical results for site-specific COCs from wells within the performance monitoring network were either not detected at concentrations above reporting limits or were detected at concentrations below the performance objective (Part 201 Non-Residential Drinking Water Criteria) of 2.0 micrograms per liter (µg/L), except at MW-235 (2.4 µg/L). This concentration is the lowest historically observed for MW-235 and has been decreasing from the September 2023 baseline result of 11 µg/L. Decreasing concentrations at MW-235 and stable concentrations below the performance objective at all other performance monitoring wells associated with the ZVI PRB demonstrate that the barrier is supporting mitigation of off-site migration of impacted groundwater. A comprehensive groundwater stability analysis, including the wells in the ZVI PRB performance monitoring network, is provided as part of Section 4.3.

# 3 Field Activities and Methodology

Following the identification of cVOC impacts at the eastern and northeastern boundaries of the Property, a series of investigations was completed to characterize and delineate impacts related to off-site groundwater and soil vapor. In addition, the utility corridor was also investigated for potential groundwater and vapor impacts. As outlined in Section 2.2 and on **Exhibit 2**, investigations completed in the beginning of 2015 included HPT/VAP borings and the use of a mobile laboratory to obtain real-time analytical results. Following the initial investigation, in 2016, locations were selected for permanent monitoring wells, and screen intervals were selected based on the VAP analytical results bias to permeable zones that exhibited the highest concentrations of VC. Quarterly monitoring of off-site monitoring wells has been ongoing since the second quarter of 2017. Additional HPT/VAP borings and monitoring wells were installed in follow-up mobilizations to delineate and characterize the off-site groundwater impacts.

As part of these investigations, SVMPs were installed to assess potential VI risks. The SVMPs were located adjacent to the ATNPC Building, upgradient of the buildings located along Belden Court, and within the Belden Court/Alden Village (BC/AV) area. Several of the SVMPs (SVMP-15-03 through SVMP-15-08, SVMP-16-01 through SVMP-16-09, and SVMP-11) were sampled once for an initial screening event and then abandoned. Upon completion of the initial delineation, the data were presented in a CSM report (Arcadis 2017c) for review by EGLE.

Between 2018 and 2020, 125 water table monitoring wells were installed at off-site commercial and residential properties. The completion of this work addressed the data gaps previously identified by EGLE. These new water table monitoring wells and the remaining SVMPs were added to the quarterly monitoring program in 2018. As of 2025, quarterly groundwater monitoring is ongoing. The SVMP quarterly sampling was discontinued in 2019.

From 2020 to 2022, an investigation of the utility corridor included the collection of sewer liquid, sediment, and vapor samples to evaluate whether off-site shallow groundwater impacted with VC was interacting with the off-site sewers.

## 3.1 Data Collection Approach

Investigation results have been compared to EGLE Part 201 Residential Generic Cleanup Criteria as well as regulatory risk-based criteria developed by EGLE. The following list summarizes the criteria for each medium evaluated within the AOC:

- Groundwater:
  - SSVIAC dated October 30, 2018 developed by EGLE;
  - EGLE Part 201 Residential Drinking Water Criteria (RDWC); and
  - EGLE Part 201 Groundwater-Surface Water Interface (GSI) Criteria.
- Soil:
  - SSVIAC dated October 30, 2018 developed by EGLE;
  - EGLE Part 201 Residential Drinking Water Protection Criteria;
  - EGLE Part 201 Groundwater Surface Water Interface Protection Criteria;
  - EGLE Part 201 Residential Particulate Soil Inhalation Criteria adjusted for a 100-acre source area; and
  - EGLE Part 201 Residential Volatile Soil Inhalation Criteria adjusted for a 100-acre source area.

- Soil Vapor:
  - SSVIAC dated October 30, 2018 developed by EGLE.
- Preferential Pathway Vapor (Sewers):
  - SSVIAC dated September 11, 2020 (preferential pathway SSVIAC) developed by EGLE.

For this RI, the most restrictive criteria for each medium and/or COC were used as the basis for investigation and delineation, with other criteria incorporated as part of the initial pathway and risk evaluations (Sections 5 through 7).

### 3.1.1 Contaminants of Concern

The LTP has operated as an automotive manufacturing facility since the 1950s. During that time, industrial solvents, cutting oils, and hydraulic oils were used during the manufacturing process. Semi-volatile organic compounds (SVOCs) are likely present, and polychlorinated biphenyls (PCBs) have been detected in the LNAPL beneath the LTP building. These results are discussed in the 2017 CSM Report (Arcadis 2017) and will be expanded upon in the forthcoming On-site RI.

Groundwater data from 2015 to present show cVOCs including: 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, 1,4-dioxane, tetrachloroethene (PCE), TCE, and VC are consistently present in on-site and off-site groundwater. At the HCS, the only VOCs detected are TCE, VC, cis-1,2-DCE, and trans-1,2-DCE. The HCS performance monitoring results are provided as part of the Quarterly Progress Reports.

Before issuance of the Consent Decree and the determination of site related COCs, on-site monitoring wells and on-site and off-site HPT/VAP borings were analyzed for a full USEPA Method 8260B VOC scan. For monitoring wells, the only VOC compounds (other than those previously mentioned) detected that exceed the RDWC included dichloromethane and styrene. The only other VOC compounds detected in the HPT/VAP samples at concentrations above residential criteria included diethyl ether at concentrations above the RDWC and 1,2-DCA at concentrations above the residential Volatilization to Indoor Air Pathway (VIAP). A summary of the exceedances is as follows:

- On-site Locations:
  - MW-45, MW-70, and PW-16-01 – located on site upgradient of the HCS (ESD-4) and exceeded the RDWC for dichloromethane. Dichloromethane is a potential laboratory contaminant.
  - MW-63 – located on site downgradient of the HCS (ESD-1) and exceeded the RDWC for styrene. Styrene is commonly produced from curing water used during the installation of a cured-in-place pipeline, which was the rehabilitation method selected for the ESD. Concentrations of styrene at MW-63 have since decreased to non-detect.
  - HPT-160 – located on site upgradient of the HCS (ESD-4) and exceeded the residential VIAP for 1,2-DCA. 1,2-DCA was observed at a concentration of 3.5 µg/L at HPT-160 and was not observed in surrounding VAP borings or downgradient wells.
- Off-site Locations:
  - HPT-84, HPT-88, and HPT-89 – located off site and exceeded the RDWC for diethyl ether. Diethyl ether is a potential laboratory contaminant.

Based on these data, other dissolved-phase VOCs are a significant part of the LTP dissolved-phase plume. The findings from the investigations indicated seven site-related COCs for the Site. This list of COCs is consistent with those detected in groundwater and are commonly associated with industrial solvents. The site-related COCs include: 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, 1,4-dioxane, PCE, TCE, and VC. Associated data are included as Attachment A of the 2017 Consent Decree.

### 3.1.2 Field Methods

Multiple site investigation methods have been applied off site. Data collection focused on soil, groundwater, soil vapor, sewer liquid, sewer sediment, and sewer vapor. Field methods used to evaluate off-site media are summarized in **Exhibit 3** and detailed further in subsequent sections. Data collected for these media comply with the Quality Assurance Project Plan (QAPP; Arcadis 2017d, 2017e) submitted to EGLE in August 2017.

***Exhibit 3: Summary of AOC Field Investigation Methods***

| Method | Description | Objective | Quantity within AOC |
|---|---|---|---|
| Geoprobe® HPT | Continuous log of soil hydraulic conductivity via direct-push drilling methods | Provide real-time, continuous measurement of soil hydraulic conductivity to guide collection of groundwater samples from conductive zones. | 148 borings |
| VAP Sampling | Discrete interval groundwater sampling using a Geoprobe® screen point sampling device | Collect discrete groundwater samples for groundwater quality evaluation, mass flux calculations, and appropriate monitoring well placement. | 473 samples |
| Soil Sampling | Discrete interval soil sampling | Evaluate concentrations in vadose-zone soils to determine if source mass is present. | 8 samples |
| Monitoring Well Installation | Screened portion of aquifer installed at depth to target groundwater concentrations | Conduct groundwater concentration monitoring, groundwater elevation mapping, and remediation. | 199 wells installed |
| Soil Vapor Sampling | Tubing and screen installed at targeted depth above groundwater; air sample collected from screen and analyzed in field or at laboratory | Monitor concentrations of VOCs and/or methane in the vadose zone outside a structure. | 265 samples |
| Sewer Liquid Sampling | Grab liquid samples collected from sanitary sewer manholes using low-flow methods under baseflow conditions and analyzed at laboratory | Evaluate whether off-site impacted groundwater is interacting with the off-site sewers. | 136 samples |
| Sewer Sediment Sampling | Sediment samples collected (where sediment was present) from sanitary sewer manholes using a sampling cup under baseflow conditions and analyzed at laboratory | Evaluate whether site-related COCs are present in the sediment within the off-site sewers. | 2 samples |

| Method | Description | Objective | Quantity within AOC |
|---|---|---|---|
| Sewer Vapor Sampling | Grab vapor samples collected from sanitary sewer manholes under baseflow conditions via tubing connected to a canister and analyzed at laboratory | Evaluate whether site-related COCs are present in the vapor within the off-site sewers. | 162 samples |

# 3.2 Sampling Methods

## 3.2.1 Hydraulic Profiling Tool/Vertical Aquifer Profile Sampling

From 2015 through 2018, off-site groundwater impacts were delineated using several phases of HPT/VAP borings to define the extents of off-site impacts followed by focused monitoring well installation. The HPT is advanced by direct-push technology and provides a continuous profile of relative soil permeability at the centimeter scale. The resulting profile can be used to correlate hydrostratigraphic units across a site. As detailed in **Exhibit 2,** a total of 157 HPT/VAP borings was completed within the AOC. HPT logs are presented in **Appendix C**.

The HPT is advanced through an aquifer using a standard direct-push drilling rig. The HPT is attached to the end of a drill string and enables a continuous metered injection of small volumes of water (typically between 200 and 300 milliliters [mL] per minute) during advancement of the probe. At the same time, the fluid backpressure resulting from injection into the formation and the flowrate are measured and logged at a high frequency. After correcting for atmospheric and hydrostatic pressure effects, the flow and pressure data are plotted as relative hydraulic conductivity by recognizing that hydraulic conductivity (K) is the constant of proportionality: flow divided by pressure (Q/P). The HPT estimated hydraulic conductivity value is referred to as “Est. K” with an effective range between approximately 1 and 75 feet per day, or 3.5E-04 to 2.6E-02 centimeters per second (McCall and Christy 2020).

Based on the HPT data, three to four groundwater sampling intervals were selected for each boring location. Groundwater was sampled from VAP boring locations through a screen point sampler attached to the drilling rods at discrete intervals. Samples were collected using the “bottom-up” method, in which the drill rods are advanced to the deepest selected interval and sampled first, then moved up to the next interval. The sample is allowed to purge for approximately 15 minutes before collection to facilitate a representative sample and reduce turbidity. A total of 473 VAP samples was collected throughout the AOC during the investigations. The HPT/VAP locations are presented on **Figure 4B**. The non-residential and residential HPT/VAP analytical results are summarized in **Table 1**. Complete laboratory analytical reports are provided in **Appendix D**. Groundwater field sampling logs are included in **Appendix E**. The analytical methods used are further described in Section 3.4.

## 3.2.2 Monitoring Wells

Based on the results of the HPT/VAP investigations, an initial set of 20 off-site monitoring wells (MW-72 through MW-87) was installed in 2017 located within the commercial and residential rights-of-way (ROWs). These monitoring wells were installed to delineate the off-site groundwater impacts and monitor the conditions within the extent of off site of the known groundwater impacts. The monitoring wells were installed using hollow-stem auger drilling with screen intervals typically installed within the interbedded zone unconfined aquifer consistent with the highest concentrations of cVOCs observed during the HPT/VAP investigation. The total depths of these wells are typically 15 to 20 feet bgs, with construction consisting of 5-foot stainless-steel screens with 2-inch polyvinyl

chloride (PVC) risers and flush-mount protective well vaults. Five monitoring wells were paired with a shallow monitoring well or only a shallow well was installed based on the HPT/VAP results. These monitoring wells (MW-73S,
MW-75S, MW-79S, MW-80S, and MW-82S) were screened shallower within the unconfined aquifer, but with their well screens fully submerged, typically at depths between 7 to 12 feet bgs. The screen intervals for the monitoring wells are provided in **Table 3**.

From 2018 through 2020, 125 water table groundwater monitoring wells were installed within the shallow unconfined aquifer to assess potential VI risk at commercial and residential properties as detailed in **Exhibit 2**. Soil borings were completed before the well installation to determine the depth of the water table. The shallow monitoring wells were installed using hollow-stem auger drilling and constructed with a mixture of 5-foot and 10-foot stainless-steel screens with 2-inch PVC risers and flush-mount protective well vaults. The 10-foot screens were initially used to screen across the highly fluctuating water table (49 monitoring wells). Upon review, EGLE requested 5-foot screens for subsequent installations in an approval letter dated August 30, 2018. Water table wells were installed using 5-foot screens at 73 locations. The tops of the screen placement of these wells are at depths typically 2 to 4 feet bgs. In addition, six monitoring wells (MW-102, MW-125, MW-129, MW-187, MW-189, and MW-190) were installed within the deeper, interbedded zone portion of the unconfined aquifer to supplement the existing monitoring well network. These monitoring wells were constructed with PVC risers, 5-foot stainless-steel screens, and flush-mount protective vaults. The screen intervals for these wells are typically at depths of 5 to 10 feet bgs.

Monitoring wells were sampled in accordance with established Field Method and Sampling Organization Standard Operating Procedures (SOPs) Quality Procedures and applicable EGLE Part 201 guidance. Equipment was decontaminated as appropriate. All purge water generated during groundwater sampling was containerized in buckets and passed through the HCS on site. Applicable procedures include the following:

- Monitoring wells were gauged from the top of casing using an electronic water level meter accurate to within 0.01 foot.
- At all locations sampled, groundwater was purged from the monitoring wells at a flowrate of 100 to 300 mL per minute until field parameters (i.e., depth to water, specific conductance, conductivity, pH, turbidity, temperature, dissolved oxygen, and oxidation-reduction potential) stabilized or 1 hour of purge time had passed.

Additionally, duplicates, matrix spikes (MSs)/matrix spike duplicates (MSDs), and trip blanks were collected during sampling in accordance with the method specified in the off-site QAPP (Arcadis 2017e). The monitoring well locations are presented on **Figure 4B.** Soil boring logs and well construction logs are provided in **Appendix C**. Complete laboratory analytical reports are provided in **Appendix D**. Groundwater and soil field sampling logs are included in **Appendix E.**

### 3.2.3 Soil Samples

Soil sampling within the AOC is limited due to the lack of historical operations, with soil samples only collected from the area bounded by the HCS to the eastern LTP property boundary. All soil samples were collected in 2015 as part of the on-site subsurface investigation completed by Golder and were analyzed for VOCs by USEPA Method 8260 (Golder 2015). Eight soil samples were collected from locations MW-30 through MW-35 and MW-46 and MW-47 within the AOC. Soil sample depth intervals ranged between 2 and 11 feet bgs. One sample was collected from each monitoring well location to characterize vadose-zone soils. Soil sample intervals were selected based on highest recorded photoionization detector (PID) readings and/or the observed soil/water interface. Soil samples were placed in laboratory-provided glassware and preserved in a chilled cooler for

laboratory analysis. Based on analytical results for the soil samples collected along the eastern property boundary, no soil samples were collected off site within the BC/AV area as part of the off-site investigation, as there is no evidence of historical operations or contamination in off-site vadose-zone soils.

Soil sample results are provided in **Table 4**. The soil sample locations and summary of the results are shown on **Figures 5** through **7**. A figure for 1,4-dioxane was not provided because 1,4-dioxane was not analyzed for the soil samples. Complete laboratory analytical reports are provided in the Summary of Subsurface Investigations 3rd Quarter 2014 to 3rd Quarter 2015 (Golder 2015). The soil sample results are further described in Section 4.3.

### 3.2.4 Soil Vapor Sampling

SVMP sampling locations were selected based on the following:

- Proximity of occupied structure to groundwater where VC was detected;
- Building construction; and
- Depth to water.

Permanent SVMPs were installed at 43 locations (31 single-level sampling ports and six nested [two sampling ports per location]). Temporary SVMPs were installed at 15 locations as single-level sampling ports. Nested sampling locations featured points at two sampling depths in side-by-side installations to evaluate attenuation in the vadose zone. The SVMPs were installed using the EGLE Guidance Document for the Vapor Intrusion Pathway (EGLE VI Guidance; EGLE 2013). A soil boring associated with each SVMP location was advanced to approximately 10 feet bgs to confirm the depth to groundwater and to log and screen soils with a PID. The SVMPs were installed at a depth of approximately 1 foot above groundwater. Most of the SVMPs were constructed of a 1-inch stainless-steel screen attached to 0.25-inch outer-diameter Teflon®-lined tubing that extended to the ground surface. SVMP-15-03 through SVMP-15-08 and SVMP-16-03 through SVMP-16-09 were constructed with 6-inch stainless-steel screens. Filter sand material was installed from the base of the screen to 3 inches above its top. Dry granular bentonite was installed 6 inches above the filter sand. Hydrated bentonite was installed from the top of the dry bentonite to within 6 inches of the ground surface. Each permanent SVMP was protected by a 5-inch steel flush-mount well cover set in a concrete pad at the ground surface.

Except for SVMP-15-03 through SVMP-15-08, the SVMPs were sampled in accordance with the EGLE VI Guidance (EGLE 2013). The SVMP samples were collected using 1-liter Summa canisters and 20-minute Eurofins Air Toxics Laboratory (EATL) flow controllers, except for samples collected from locations SVMP-16-03 through SVMP-16-09, which were collected using sorbent tubes. Each location was purged of approximately 180 mL of air before sampling. Duplicates were collected during the sampling and analyzed in accordance with the method specified in the off-site QAPP (Arcadis 2017e).

The following technical quality controls were implemented to facilitate the collection of representative soil vapor samples:

- Small-screened intervals (1-inch screen within a 3-inch sand pack) were used to allow for a thicker bentonite seal to the ground surface at each location.
- Tracer gas testing was conducted during the soil vapor sampling using a helium tracer before sampling. Methods for tracer testing were the same as those presented in Appendix F of the EGLE VI Guidance (EGLE 2013) and in line with industry-accepted standards. No unacceptable helium leak test results were noted during the soil vapor sample collection. Samples were deemed acceptable, exhibiting concentrations of helium in purged soil vapor less than 10 percent of the initial shroud concentration of helium as presented in the EGLE VI Guidance (EGLE 2013).

- Soil vapor sampling was conducted slowly (i.e., 20-minute sampling using a 1-liter canister, 100 mL per minute using sorbent tubes) to avoid short-circuiting (introduction of ambient air from the surface into the soil vapor sample). This flowrate is lower than the maximum 200 mL per minute indicated in the EGLE VI Guidance "to minimize the potential for vacuum extraction of contaminants from the soil phase" (EGLE 2013).

It is important to note that longer screen intervals (6-inch stainless steel screens) were installed at SVMP-15-03 through SVMP-15-08 and SVMP-16-03 through SVMP-16-09. Tracer gas testing was also not completed during the sampling event at SVMP-15-03 through SVMP-15-08 due to depths of 8 feet as further described in Section 6.2.2.

Samples were submitted under chain-of-custody protocols to EATL located in Folsom, California for analysis of the seven site-related COCs via USEPA Method TO-15 or USEPA Method TO-17. The SVMPs were sampled for VC and TCE in the initial June 2017 event and for the seven site-related COCs during additional sampling events, consistent with the Consent Decree. Installation dates are summarized in **Exhibit 2.** Analytical results and sample locations are summarized and shown in **Table 5** and on **Figure 8**. SVMP analytical reports are included in **Appendix F**, and field sampling logs are included in **Appendix G.**

### 3.2.5 Utility Corridor Sampling

Between December 2018 and December 2020, 105 manhole structures were surveyed to determine the approximate depths of storm sewer, combined sewer, and sanitary sewers throughout the AOC. The survey was intended to determine if the sewer systems were in direct contact with impacted groundwater. Results from this survey indicated that the storm, combined, and sanitary sewers are potentially in contact with groundwater. Therefore, liquid, sediment, and vapor samples were collected from the sewers and analyzed for site-related COCs. The storm, combined, and sanitary sewer manhole locations inspected and/or from which samples were collected are presented on **Figure 9**.

#### 3.2.5.1 Liquid Sampling

Grab liquid samples were collected from storm sewers during baseflow conditions and from sanitary and combined sanitary manhole locations off site when liquid was present and analyzed for site-related COCs via USEPA Method 8260B and 8260B Selected Ion Monitoring (SIM). The samples were collected using a peristaltic pump and tubing to minimize any potential cross-contamination between sample locations. All samples were submitted to Eurofins TestAmerica Laboratories located in North Canton, Ohio. Duplicates were collected during sampling and analyzed in accordance with the method specified in the off-site QAPP (Arcadis 2017e). Liquid samples were not collected within 48 hours of a precipitation event as recorded by Michigan State's Enviroweather Station in Commerce Township, Michigan. Analytical results are summarized in **Table 6** and on **Figure 10**. Analytical reports are included in **Appendix H**, and field sampling logs are included in **Appendix I.**

#### 3.2.5.2 Sediment Sampling

Sediment samples were collected from sewers at manhole locations off site where sediment was present. The sediment samples were collected with a sampling cup and placed into the appropriate sampling containers for analysis. The sampling cup was decontaminated before collection of each sediment sample. The samples were analyzed for site-related COCs via USEPA Method 8260B, 8260B SIM, and 8260B MI. All samples were submitted to Eurofins TestAmerica Laboratories located in North Canton, Ohio. Analytical results are summarized in **Table 7** and on **Figure 11**. Analytical reports are included in **Appendix H**, and field sampling logs are included in **Appendix I.**

#### 3.2.5.3 Vapor Sampling

Grab vapor samples were collected from sewers at manhole locations using tubing attached to 1-liter Summa canisters. Before collecting a grab vapor sample, each sampling location was screened for the presence of methane with a Landtec GEM 2000 to ensure that sample shipment complied with shipping regulations. Sewers with grated lids (STMH-1001, STMH-1041, STMH-1066, STMH-1088, STMH-1171, STMH-1210, and STMH-1219) were sampled 24 to 48 hours after a vapor barrier was applied to the manhole opening. Collection of vapor samples from the sewers was weather-dependent to avoid isolated potential flooding. A small opening was made in the vapor barrier 24 to 48 hours after application, and then tubing was placed through the opening in the manhole down to the opening of the pipe but above any water in the sump of the manhole. If no holes were present in the sewer manhole lid, the sewer manhole was lifted slightly to allow entry of the tubing into the sewer. Samples were collected from the sewer via the tubing connected to the canister and analyzed for site-related COCs via USEPA Method TO-15. All samples were submitted to EATL in Folsom, California. Duplicates were collected during the sampling and analyzed in accordance with the methodology specified in the off-site QAPP (Arcadis 2017e). Analytical results are summarized in **Table 8** and on **Figure 12**. Analytical reports are included in **Appendix H**, and field sampling logs are included in **Appendix I.**

## 3.3 Sampling Frequency

### 3.3.1 Groundwater Monitoring

Since the start of groundwater monitoring in 2016, monitoring wells have been sampled quarterly. Up to 33 quarters of data have been collected from the 199 AOC monitoring wells, resulting in 4,901 samples collected. Initially, monitoring wells were only installed on site and in the commercial and residential ROWs. Between 2018 and 2020, 151 off-site monitoring wells were installed on both residential and commercial properties (**Figure 4B**). Monitoring wells are gauged and sampled quarterly to evaluate HCS performance, regional and seasonal groundwater elevation trends, determine groundwater flow direction, and evaluate seasonal concentration trends. Groundwater field sampling logs are included in **Appendix E.** Quarterly groundwater sampling is currently ongoing, but for the purposes of this report, the data presented are through the second quarter of 2025.

The off-site monitoring well groundwater results are compared to the EGLE Part 201 Residential Generic Cleanup Criteria and the Site-Specific Groundwater VI screening levels included as part of the Consent Decree; however, the site-specific screening levels provided for TCE and VC (groundwater in contact) are below the typical target detection limits for these compounds. In December 2017, Ford requested and received EGLE approval to use the EGLE target detection limits for TCE and VC of 1.0 µg/L as the groundwater screening level protective of VI at residential structures where there is potential for groundwater to be in contact with the structure.

Comprehensive off-site groundwater analytical results are summarized in **Table 2**. Only cis-1,2-DCE and VC have been detected in off-site monitoring wells to the east of the Property at concentrations above the residential SSVIAC. The results through the second quarter of 2025 for TCE, cis-1,2-DCE, 1,4-dioxane, and VC for the monitoring wells from the HCS to the eastern property boundary and off-site monitoring wells to the east of the site property boundary are provided on **Figures 13** through **16**.

### 3.3.2 Soil Vapor Monitoring

Between 2015 and 2016, soil vapor was sampled at temporary SVMP locations adjacent to the ATNPC, upgradient of the buildings located along Belden Court. Two temporary locations within the BC/AV area were also sampled as part of an initial soil vapor screening event. These locations were abandoned following sampling.

Nine quarterly soil vapor sampling events were completed between 2017 and 2019 at permanent SVMP locations on off-site residential and commercial properties on both city-owned ROW and privately owned land. The SVMP sampling resulted in 267 samples collected within the AOC.

### 3.3.3 Utility Corridor Monitoring

Arcadis collected vapor, liquid (when present), and sediment (when present) samples from storm sewer manholes, sanitary sewer manholes, and/or combined storm and sanitary sewer manholes in the AOC between 2020 and 2022 (**Figure 9**), resulting in a total of 30 sampling events as outlined below:

- Vapor and liquid samples were collected along Belden Court, in the Alden Village subdivision, and along Rosati Avenue during four sampling events (June 2020, September 2020, December 2020, and March 2021; **Figure 12** and **Figure 10,** respectively).
- One sediment sample was collected during the June 2020 sampling event from a location along Belden Court (SAMH-1020), and one sediment sample was collected during the December 2020 event from a location within Alden Village (SAMH-1122; **Figure 11**).
- Vapor and liquid samples were collected from locations along Stark Road, during which up to 24 sampling events were completed between July 2021 and May 2022 (**Figure 12** and **Figure 10,** respectively). These events were completed as part of a separate scope of work associated with the potential site-related impacts along Plymouth Road and detailed in the Utility Corridor – Plymouth Road, Stark Road, Hathaway Avenue, and Farmington Road Remedial Investigation Report (Arcadis 2025).

## 3.4 Laboratory Methods

Several analytical approaches have been used to evaluate soil, sewer sediment, sewer liquid, groundwater, and vapor data associated with the AOC. These include mobile laboratory analysis of soil and groundwater data to facilitate field decisions during real-time site characterization that allowed for an adaptive approach to the investigations as well as traditional analysis at permanent laboratory facilities to validate mobile laboratory results and complete more routine analysis of media.

In 2015, during the Rapid Site Characterization, the Triad mobile laboratory was used for quick-turn screening of soil and groundwater samples. The Triad mobile laboratory uses direct-sampling ion trap mass spectrometry (DSITMS) USEPA Method 8265 to evaluate a select subset of VOCs including PCE; TCE; 1,1-DCA; a combined concentration of trans-1,2-DCE, cis-1,2-DCE, 1,1-DCE, and 1,2-DCE (total DCE); and VC+1,2-DCA. The DSITMS approach cannot distinguish among analytes that exhibit similar mass spectra. As a result, species of DCE, including trans-1,2-DCE, cis-1,2-DCE, 1,1-DCE, and 1,2-DCE, are reported as a combined concentration (total DCE), and VC is reported as a concentration of VC+1,2-DCA. Consequently, and to verify the laboratory results, approximately 5 percent of the samples were split and sent to Eurofins TestAmerica Laboratories in North Canton, Ohio for analysis via USEPA Method 8260Q.

During the 2018 off-site HPT/VAP groundwater delineation, samples were submitted to the Pace Analytical Services, Inc. (Pace) mobile laboratory, which analyzes samples using the same technology and processes as fixed-based laboratories via USEPA Method 8260. **Exhibit 4** includes a list of laboratories used for analyses, which are also detailed in the approved QAPP (Arcadis 2017d, 2017e).

***Exhibit 4: Summary of Analytical Laboratories***

| Laboratory | Laboratory Location | Primary Purpose | USEPA Analytical Method(s) |
|---|---|---|---|
| Eurofins TestAmerica Laboratories (Eurofins) | North Canton, Ohio | Soil/Groundwater/Sewer Liquid/Sediment Analysis | 8260, 8260 SIM |
| Pace Analytical Services, Inc. (Pace) | Green Bay, Wisconsin | Soil/Groundwater Analysis | 8260, 8260 SIM |
| Triad Environmental Solutions, Inc. (Triad) | Durham, North Carolina | Soil/Groundwater Analysis | 8265 |
| Pace Mobile Lab Services | Madison, Wisconsin | Soil/Groundwater Analysis | 8260 |
| Eurofins Air Toxics, Inc. | Folsom, California | Vapor Analysis | TO-15, TO-17 |
| TestAmerica | West Sacramento, California | Vapor Analysis | TO-15 |

The laboratory quality assurance (QA) officer was responsible for conducting and reporting corrective actions if problems arose during laboratory analytical processes. General laboratory analytical requirements include a summary of analysis and quality assurance/quality control (QA/QC) procedures, specifics related to each sample medium to be analyzed, and details of the methods used for this project. Current SW-846 and USEPA Compendium methods were used for all parameters and sample media. Off-site laboratory data were subject to multi-level review by the laboratory. Data reports were reviewed before release for final data report generation. The QA manager reviewed the final data reports, and the laboratory director reviewed a percentage of the final data reports before shipment to the environmental consultant.

If discrepancies or deficiencies were identified in the analytical results, corrective action was taken. Deficiencies discovered during internal data review, as well as the corrective actions to be used to rectify the situation, were documented on a Corrective Action Form and submitted to the Arcadis project manager.

# 4 Area of Concern Characterization

The off-site portion of the AOC described in this report includes a mixed commercial and residential area located north and east of the Property as illustrated on **Figure 2**. As described above, investigation has been completed throughout the AOC to understand the nature and extent of off-site impacted media and the potential impact to human health and the environment. As specified in the Consent Decree, the work was conducted under the approved RespAPs as mentioned previously. The following sections describe the geology, hydrogeology, and results of the sampling completed within the AOC.

## 4.1 Physical Setting

The AOC is relatively flat lying, varying approximately 10 feet in elevation from west to east and approximately 10 feet in elevation from north to south. There are localized areas of higher and lower elevations throughout the AOC. A low point (655 feet above mean sea level [amsl]) in the AOC exists in the area near Beacon Street, Brewster Street, and Stark Road. This is the same area where shallow groundwater is observed in monitoring wells, and flooding is common. The highest elevations (672 feet amsl) are located in the southwest portion of the AOC. A topographic map is included as **Figure 17**. The closest surface water feature is the Middle Rouge River, which is located approximately 3,500 feet south of Plymouth Road.

### 4.1.1 Regional Geology

The regional geology in the Livonia area consists of a near-shore lacustrine setting and associated soils overlying a lacustrine clay and deeper glacial till (EGLE 2011). The near-shore lacustrine depositional environment is associated with the proto-Great Lake system and would consist of silts and clays, associated with lake bottom deposition, and coarser-grained shoreline deposits such as silty sands. These deposits would be interbedded as the prehistoric shoreline rose and fell across the area. Throughout much of the AOC, the uppermost sediments consist of a coarse-grained, poorly sorted glacial outwash or ablation till representing high-energy deposits associated with the final glacial retreat. Additional details of the local geology are provided below. A regional geologic map is provided as **Figure 18.**

### 4.1.2 Local Geology/Hydrogeology

Shallow soils in the AOC consist of sand-gravel outwash from approximately 0 to 12 feet bgs. The outwash is underlain by a zone of interbedded silt, silty sand, and fine sand extending to a depth of approximately 25 feet bgs and then transitions to a low-permeability lacustrine clay. Although the interbedded shallow soils are complex and heterogeneous, the geologic profile is generally consistent across the area with an overall fining downward sequence transitioning to all clay below 25 feet. The stratigraphic units are summarized in **Exhibit 5**. An annotated HPT log illustrating the typical site stratigraphy for the unconfined aquifer is included as **Figure 19**. The HPT logs and soil boring logs are included in **Appendix C**.

Three deep wells were installed at the Property including a deep well (MW-15-61D) installed on the eastern property boundary of the site within the AOC. These wells were installed to characterize the deeper geologic and hydrogeologic conditions and evaluate deep groundwater conditions within the confined aquifer. The deep borings show a consistent sequence of sediments including the outwash, interbedded zone, and the transition to a high-plasticity lacustrine clay at approximately 20 to 25 feet bgs. The lacustrine clay is consistent where investigated and extends to a depth of between 65 and 70 feet bgs, where it overlies a dense clay/silt/sand/gravel glacial till that is variable but continues to a depth ranging from 70 to 90 feet bgs. Below the glacial till, a saturated coarse-grained unit consisting of interbedded sand and gravel with some layers of fines is present above shale bedrock.

The shale is weathered and located at approximately 90 feet bgs at the eastern LTP boundary (MW-15-61D), and as deep as 100 feet bgs on the western portion of the Property. **Appendix J** includes a figure illustrating the locations of the deep monitoring wells and the associated boring logs.

The deep monitoring wells were installed within the gravelly unit above shale. Groundwater elevation (**Table 3**) within the deep gravel unit is 15 to 20 feet lower than the elevation measured within the shallow soils and demonstrates hydraulic separation between the two zones.

***Exhibit 5: Summary of Geologic Units***

| Unit | Description | Range in Thickness (feet) | Approximate Range in Depth (feet bgs) |
|---|---|---|---|
| Sandy Glacial Outwash and/or Ablation Till (outwash, unconfined aquifer) | Sandy glacial outwash, underlain by interbedded silt and fine sand | ~10–12 | 0–12 |
| Interbedded Zone (unconfined aquifer) | Interbedded silt, silty sand, and fine sand | ~10–15 | 12–25 |
| Lacustrine Clay | High-plasticity clay | ~35–45 | 25-70 |
| Glacial Till | Dense clay with sand and gravel | ~10-20 | 70-90 |
| Gravel Unit (confined aquifer) | Small to medium gravel with fine to medium sand, interbedded with fines | ~5-20 | 90-110 |
| Shale Bedrock | Variable weathered shale | Unknown | >90 |

The HPT borings were completed to bottom depths ranging from 30 to 45 feet bgs. The HPT high-resolution estimated hydraulic conductivity (Est-K) data were incorporated into a three-dimensional model using Earth Volumetric Studio (EVS, Ctech LLC) modeling software. A three-dimensional fence diagram for the AOC, created using the HPT Est-K data, is provided as **Figure 20**. The fence diagram shows Est-K using a color scale, where red corresponds to higher permeability sediments and blue to lower permeability. Additional two-dimensional cross-sections illustrating the distribution of COCs relative to shallow geology are introduced in Section 4.3.

As noted previously, the unconfined aquifer consists of sandy outwash from approximately 0 to 12 feet bgs. The outwash is underlain by a zone of interbedded silt, silty sand, and fine sand extending to approximately 25 feet bgs that transitions to a low-hydraulic conductivity lacustrine clay. The lacustrine clay represents the lower confining unit for the shallow aquifer. The top of clay surface has been mapped within the AOC using both HPT and soil boring soil descriptions. The top of clay surface is depicted on **Figure 21**. As shown on **Figure 21**, the depth to clay is deeper to the west and north and is shallower to the east and south. The shallowest depth to clay area is present between Beacon Street, Brewster Street, and Stark Road. This area is prone to flooding and detections of VC at the water table and is further discussed in Section 4.1.2.1.

As part of the historical agricultural use, the Ryder Drain network extended from the modern day Property to the commercial and residential areas east of the Property. As part of the LTP construction in 1952, the drains were filled and terminated at the western boundary of the test track. The former locations of the drains are shown on **Figure 22**. By the 1970s, the drains were completely removed due to residential development and regrading of

the surface. Several soil and HPT borings, including MW-43, MW-52, HPT-64, HPT-58, HPT-148, HPT-85, HPT-93, HPT-63, SVMP-16-04, and HPT-156, fall directly on or are close to the location of the former drains. These boring logs were reviewed and compared to boring logs outside of the drain footprint. The shallow material, both within the drain footprint and outside of the drain, appear similar (relatively coarse, unsorted outwash), suggesting the material used to regrade during development is similar in consistency and hydraulic conductivity to the surrounding native material. The soil boring logs and HPT logs are included as part of **Appendix C**.

#### 4.1.2.1 Groundwater Migration

Groundwater within the AOC is encountered at 0 to 11 feet bgs (variable due to topography) and flows primarily west to east. There is a more northeasterly component of groundwater flow near the commercial Rosati Avenue, north of the Alden Village residential area. Quarterly groundwater contour maps for July 2024 through April 2025 are included as **Figures 23A, 23B, 23C,** and **23D**. Groundwater elevations used for groundwater contour map generation are summarized in **Table 3**. On site, the groundwater contours suggest the removal of groundwater flux along the HCS with a more pronounced deflection around wells ESD-3 and ESD-4. This result is consistent with groundwater capture at the Site.

Off site, certain areas of the Alden Village subdivision are prone to seasonal flooding during high-water table periods. Flooding typically occurs in low-lying areas between Brewster Street and Stark Road. The stratigraphy in this area includes a thicker zone of relatively higher-conductivity soils to the west with a thinner, shallower interbedded zone around the area prone to flooding (**Figure 24**). This is also where VC is detected in the shallow water table monitoring wells, as the more heavily impact interbedded zone moves into, or is otherwise located in, the water table zone.

Based on the HPT data, the Est-K for the shallow outwash ranges from 20 to 75 feet per day. Within the interbedded zone, the Est-K ranges from <0.1 to 20 feet/day. Long-term pumping tests completed on site as part of the HCS design indicate the average hydraulic conductivity (K) for the combined outwash and interbedded deposits ranges from approximately 20 to 40 feet/d (Arcadis 2017b, 2017c). The horizontal hydraulic gradient for the AOC generally ranges from 0.002 to 0.005 (foot/foot), with an average of approximately 0.004. Based on the average gradient, an assumed porosity of 15 percent, and the range of K, the estimated seepage velocity for the outwash may range from 0.5 to 2 feet/d. Within the interbedded zone, groundwater within the clay/silt beds are effectively immobile and dominated by diffusion and the silt/sand interbeds represent slow advection with seepage velocities up to 0.5 foot per day. A summary of the aquifer characteristics is presented as **Exhibit 6**.

***Exhibit 6: Summary of Aquifer Characteristics***

| Unit | Hydraulic Conductivity (feet/d) | Hydraulic Gradient (feet/feet) | Effective Porosity | Average Linear Groundwater Velocity (feet/d) |
|---|---|---|---|---|
| Sandy Glacial Outwash and/or Ablation Till | 20-75 | 0.004 | 0.15 | 0.5 - 2 |
| Interbedded Zone | <0.1-20 | 0.004 | 0.15 | <0.003 – 0.5 |

Most groundwater flux occurs within the shallowest portions of the unconfined aquifer within the outwash deposits. In contrast, as described further in Section 4.3.1.2, the highest concentrations of the site-related COCs are observed within the less permeable interbedded zone above the clay aquitard. This is likely due to two primary factors:

1. Distance from the source area – The further the plume migrates from the source areas located beneath the LTP building, the more recharge occurs to the unconfined aquifer along the migration path. This process introduces clean water to the shallowest portions of the aquifer.
2. Contrast in hydraulic conductivity – The off-site groundwater plume has largely stable to decreasing concentrations (Section 4.3.1.2.3) suggesting a mature plume in decline. The outwash has a much higher permeability than the interbedded zone with higher groundwater flux that flushes the groundwater system. The interbedded zone includes silty sands but also layers of clay and silt. These low-permeability clay/silt layers are mass storage zones dominated by diffusion. Migration out of these layers (i.e., back-diffusion) can be a lengthy process. Slow back-diffusion from these clay/silt zones will continue to impact the more permeable silt/sand layers.

#### 4.1.2.2 Groundwater Use

Groundwater in the AOC is not used as potable water, and there are currently no permitted potable water wells in the area surrounding the LTP Site. Private water wells were identified through property owner surveys and site reconnaissance during investigations (**Figure 25**). Private wells identified within the AOC were abandoned as shown in **Exhibit 7**. In addition, the City of Livonia Ordinance 13.40 prohibits private wells unless a specific exemption applies.

***Exhibit 7. Status of Private Wells Identified in the AOC***

| Private Irrigation Well Location | Irrigation Well Status |
|---|---|
| 34990 Beacon Street | Abandoned – 3/10/2020 |
| 34966 Standish Street | Abandoned – 3/11/2020 |
| 11845 Boston Post Street – East | Abandoned – 3/11/2020 |
| 11845 Boston Post Street – West | Abandoned – 3/11/2020 |
| 12131 Boston Post Street | Abandoned – 3/11/2020 |
| 11710 Boston Post Street | Abandoned – 3/12/2020 |
| 34940 Beacon Steet | Abandoned – 7/21/2020 |
| 33921 Beacon Street | In place – outside of AOC |

### 4.1.3 Wetlands

Before the construction of the Alden Village subdivision and Belden Court industrial properties, much of the present-day AOC included wetlands as shown on **Figure 26**. When construction of the Alden Village subdivision and Belden Court industrial properties began, the land was graded to build roads and structures, and the wetlands were destroyed. In addition, a forested wetland area was historically present in the northwest corner of

the AOC near Veronica Avenue. However, with the construction of commercial/industrial properties, the forested wetland area was destroyed. Presently, there is only one wetland area within the AOC consisting of two man-made freshwater retention ponds to the north of Rosati Avenue.

Wetland soils are observed sporadically throughout the AOC. The current wetland areas are shown on **Figure 26**. The depth to water for the AOC, shown on **Figure 27,** indicates a range in depth to water as deep as 11 feet bgs on the Property to as low as approximately 2 feet bgs near Beacon Street and Brewster Street in the Alden Village subdivision. In general, the depth to water is shallower in north-northeast portion of the AOC. As a result, the homes and commercial buildings being built on former wetlands are equipped with basement sumps where a shallow water table is present. The sumps ensure water does not infiltrate the building's foundations and cause flooding. The water that collects in the sumps is pumped to the sanitary sewer system.

### 4.1.4 Storm and Wastewater

Wastewater from runoff and residential and commercial land use is managed by individual and combined sewer systems present in the investigation area (**Figure 9**). Wastewater from Rosati Avenue discharges via separate storm and sanitary sewers to the Stark Road separate storm and sanitary sewers. Storm sewers from Belden Court discharge to the Plymouth Road storm sewers. The Belden Court sanitary sewer does not connect to the Plymouth Road sanitary sewer, but discharges through the Alden Village combined sewer system, which then discharges to the Stark Road sanitary sewer. Stormwater from the Plymouth Road and Stark Road storm sewers ultimately discharge to the Middle Rouge River. The Stark Road sanitary sewer discharges to the sanitary sewer that runs east and west down Hathaway Road and into the Farmington Road sanitary sewer system. The sanitary systems discharge to the Great Lakes Water Authority (GLWA) wastewater treatment facility located in Detroit, Michigan.

## 4.2 Transport Mechanisms

As described in Section 2.2, the source area for the groundwater impacts is located on the Property upgradient of the HCS, primarily beneath the LTP building. Source areas, including areas of LNAPL impact, are described in the CSM (Arcadis 2017c). The primary source areas beneath the LTP are associated with the use of chlorinated solvents and have generated dissolved-phase plumes that have historically migrated to the eastern property boundary and off site. The groundwater plumes migrate within the shallow unconfined aquifer with groundwater flux dominantly in the near surface outwash deposits and to a lesser extent within the interbedded zone above the lacustrine clay. Contaminant migration is driven by advection in the outwash and a combination of slow advection and diffusion within the interbedded zone. Mass storage within the clay/silt deposits within the interbedded zone will diffuse back to the advective zones over time (i.e., back diffusion) as indicated by the persistent low concentrations observed in the off-site monitoring well network, particularly in monitoring wells installed within the interbedded zone.

Given the shallow water table, many of the structures are in contact or have the potential to be in contact with impacted groundwater. The impacts in shallow groundwater have the potential to volatilize into soil gas, which can then migrate through the vadose zone and into the breathing space within a structure (vapor intrusion). According to the EGLE Guidance Document for the VIAP Volume 1: Overview (EGLE 2025), soil gas vapors can migrate through the vadose zone via diffusion. Once the vapors are adjacent to a structure, the migration into the structure will also be influenced by advection. Note that the vapor source does not need to be directly beneath a structure to present a VI concern, as soil gas can migrate both vertically and laterally in the vadose zone. Alternatively, substances may directly volatilize into a structure's breathing space without migrating through the vadose zone in a process called direct volatilization. This can result from contaminated groundwater or LNAPL

directly entering a structure or when contaminants migrate into a structure through a preferential pathway or conduit.

## 4.3 Contaminant Distribution

The AOC includes the on-site portion of the Property from the HCS to the eastern property boundary and off-site areas defined as both non-residential and residential. Non-residential areas include the commercial properties immediately north and east of the LTP Site. Residential areas include the development located east of Belden Court, north of Plymouth Road, and south of Rosati Avenue, known as the Alden Village subdivision. Non-residential and residential areas are shown on **Figure 2.**

Analytical data for groundwater are compared to EGLE Part 201 Residential Generic Cleanup Criteria (EGLE 2018) or Site-Specific Residential Criteria as appropriate. Figures and tables provided for this RI present soil, groundwater, and vapor COC data compared to the most restrictive residential screening levels including residential SSVIAC or EGLE Part 201 residential generic cleanup criteria, whichever is more protective.

The potential for VI associated with the groundwater impacts, primarily VC, has been characterized for the non-residential and residential properties in the AOC. The extent of groundwater impacted by the COCs has been delineated to the most restrictive residential criteria. The extent of impacted groundwater is shown on **Figures 13** through **16**. Soil results were also compared to the most restrictive residential criteria, and it was determined that soil impacts are not present within the AOC. The soil results are shown on **Figures 5** through **7**. Details regarding the VI and utility corridor investigation are provided in Sections 4.3.1.3 and 4.3.1.4.

### 4.3.1 Contaminant Levels

The AOC investigation activities were conducted over several phases as described in Section 2.2. Contaminant levels present in each medium are described in the following sections.

#### 4.3.1.1 Soil Sampling Results

In 2015, soil samples were collected from select on-site monitoring wells during installation (**Figure 4B**) by Golder (Golder 2015). Soil samples within the on-site portion of the AOC were collected from locations MW-30 through MW-35 and MW-46 and MW-47. A total of eight soil samples were collected. No soil samples were collected off site within the BC/AV area as part of the off-site investigation. Soil sample analytical results are provided in **Table 4** and are summarized on **Figures 5** through **7**.

Soil samples were analyzed for VOCs via Method 8260. The soil samples were not analyzed for 1,4-dioxane, which at the time was not a COC. The analytical results were non-detect for all VOC analytes. The results have elevated reporting limits above the residential SSVIAC for TCE, cis-1,2-DCE, and VC, and above the generic VIAP criteria for other VOCs, likely due to results reported on dry-weight basis. Based on EGLE guidance (EGLE 2019a), for these compounds, the target detection limit (TDL) is higher than the most restrictive criteria; therefore, the criteria defaults to the TDL.

The source area for groundwater impacts was largely defined during the on-site characterization completed within and around the LTP building. The on-site source area investigation is summarized in the 2017 CSM (Arcadis 2017c) and will be evaluated further as part of a future RI report focused on the LTP Site. There is no evidence of historical operations or the potential for release of COCs in the AOC included as part of this RI, either on site or off site, that would have contaminated vadose-zone soils. Therefore, off-site soils were not sampled.

#### 4.3.1.2 Groundwater Sampling Results

Between 2015 and 2018, 98 HPT and 107 VAP borings were completed as part of the off-site investigation with the objective of delineating the off-site VC plume(s). Based on the HPT/VAP data, 21 monitoring wells were installed to monitor and delineate off-site impacts. To evaluate potential VI risk to residential and commercial buildings, 130 additional monitoring wells were added with screen intervals that bisect the water table. All of the AOC wells have been sampled quarterly since installation was completed between 2017 and 2018.

For reference, as discussed in Section 2.2, the groundwater plumes within the AOC initially defined with HPT and VAP results are shown on **Figure 3**. The VAP and HPT data are also included on cross-sections (**Figures 28** through **29D**) to illustrate vertical definition and provide geologic context as described below. In 2017, concentrations in the off-site portion of the AOC ranged from non-detect to 28 µg/L of VC (HPT-56 [15-18 feet bgs]).

To evaluate current conditions the monitoring well network results are show on groundwater analytical **Figures 13** through **16.** Groundwater condition changes through time are shown on **Figures 30A, 30B, and 30C** for shallow water table monitoring wells and **Figures 31A**, **31B, 31C** for interbedded zone monitoring wells**.** This report includes data collected through the second quarter of 2025. The analytical figures include comparisons to EGLE Part 201 Residential Generic Cleanup Criteria and residential SSVIAC as appropriate.

Groundwater collected during the second quarter of 2025 are summarized on **Figures 13** through **16**, which include comparisons of TCE, cis-DCE, and VC concentrations to residential SSVIAC and 1,4-dioxane concentrations compared to the RDWC. VC is the most widely observed COC present at concentrations that exceed the most restrictive criteria (i.e., SSVIAC). Groundwater results from second quarter 2025 show that concentrations are elevated on the Property before the HCS (e.g., 5,100 µg/L VC at TW-16-02) and are significantly reduced at the eastern property boundary (maximum concentration observed is 11 µg/L at MW-210S). Only low-level detections/exceedances are observed off site in the BC/AV portion of the AOC with the highest concentrations found in the wells set in the interbedded zone of the unconfined aquifer (up to 3.8 µg/L at MW-74).

Note that VAP data collected from the AOC are included in **Table 1.** Monitoring well data are included in **Table 2.** These tables include a comparison to other EGLE Part 201 Residential Generic Cleanup Criteria including RDWC and GSI Criteria.

##### 4.3.1.2.1 Water Table Zone

VC results for samples collected from shallow water table wells to assess VI conditions are summarized on **Figure 24**. Water table wells are screened across the water table within the sandy outwash and/or upper portion of the interbedded zone depending on the depth to groundwater and specific conditions at the well location. Also depicted on **Figure 24** is the approximate thickness of the vadose zone (0.0 to 10 feet), based on the depth to groundwater, to determine the residential structures that are potentially in contact with groundwater. The shallow data collected from water table monitoring wells indicate one primary area (near the intersection of Brewster Street and Beacon Street) where VC is detected at concentrations exceeding the residential SSVIAC (1.5 µg/L MW-130S, 1.7 µg/L at MW-80SR, and 1.1 µg/L at MW-149S) as well as sporadic detections above criteria for VC and cis-1,2-DCE in shallow groundwater at MW-89S on Beacon Street. The permeable zone thins near Brewster Street, forcing the deeper groundwater up to the water table, the result of which is evident in the shallow distribution of VC in that area.

The shallow unconfined aquifer consists of interbedded outwash sands and gravels extending from the ground surface to approximately 10 to 12 feet bgs. The temporal variability of the VC groundwater plume within the shallow water table aquifer is illustrated on **Figures 30A, 30B, and 30C**. The figures show VC results from

shallow water table monitoring wells through ten quarters of sampling, spanning 2019 through 2025, to show variability in detections through time and the evolving area of impacts relative to residential SSVIAC. These figures show consistent detections above the residential SSVIAC in the area near Beacon Street and Brewster Street; however, the number of monitoring wells exceeding the criteria has reduced over time, the area of impact is primarily located at the intersection of Brewster and Beacon, and has decreased significantly since 2019. As of the second quarter 2025, the concentrations of VC in the limited area ranged from non-detect to 1.7 µg/L (MW-80SR).

The decreasing concentrations and VC plume footprint in the shallow water table aquifer are likely related to the operation of the HCS, the passive treatment of the PRB, and natural attenuation. The shallow groundwater plume is delineated laterally (and vertically, see below) to the most restrictive generic residential criteria.

#### 4.3.1.2.2 Interbedded Zone

The interbedded zone of the unconfined aquifer consists of interbedded layers of fine sand/silty sand and silt/clay generally extending from 10 to 25 feet bgs. The temporal variability of the VC groundwater plume within the interbedded zone is illustrated on **Figures 31A, 31B, 31C**. These figures are based on groundwater results through eight quarters, spanning 2019 through 2025. The figures show that the overall footprint of the groundwater plume within the interbedded zone is stable and has remained largely the same since 2017. Groundwater in the interbedded zone has historically migrated within the sandy layers, diffusing into the adjacent layers of clay and silt. Back-diffusion from these clay/silt zones will continue to leach mass to the more permeable silt/sand layers, slowly decreasing in concentration over time by natural attenuation. There is some evidence of flushing within the interbedded zone due to the operation of the HCS and PRB with an increasing number of interbedded zone wells along the northeastern property boundary reducing to below criteria over time.

The vertical distribution of groundwater impacts within the unconfined aquifer is shown on cross-section **Figures 29A** through **29D**. A cross-section location map is provided as **Figure 28**. An explanation of the data depicted on each cross-section is provided below:

- Cross-section A-A’ (**Figure 29A**) illustrates a north-south oriented transect showing thicker permeable zones in some areas (e.g., HPT-104 and HPT-87 areas) and a generally thinner outwash and less permeable unconfined aquifer toward the southern end of the transect approaching Stark Road. This is generally true across the AOC, with the saturated outwash less prevalent and the unconfined aquifer less permeable throughout the southern portion of the AOC. As shown on Cross-section A-A’, the occurrence of VC is limited to two areas within the interbedded zone that are delineated vertically by non-detect samples both at the water table and interbedded zone within the unconfined aquifer.
- Cross-section B-B' (**Figure 29B**) shows an west-east oriented transect through the northern section of the Property and the Alden Village subdivision with estimated hydraulic conductivity indicating the interbedded zone extends to a depth of approximately 20 feet bgs near Belden Court and then ranging from 10 to 20 feet bgs beneath the residential properties. As shown on the cross-section, the majority of VC impacts are encountered in the interbedded zone, with non-detect or lower concentrations at the water table. As noted in Section 4.1.2, this distribution is likely related to flushing of the more permeable outwash and groundwater recharge along the length of the plume. The permeable zone thins to the east near Brewster Street, forcing the deeper groundwater up to the water table, the result of which is evident in the shallow distribution of VC shown on **Figures 24**, **30A**, **30B, and 30C** with the remaining water table detections focused in this area.
- Cross-section C-C’ (**Figure 29C**) shows a transect through the southern portion of the Property and the Alden Village subdivision. It shows a thicker permeable zone near Belden Court that gradually thins under the residential properties. Groundwater impacts are present at the water table at the property boundary and

migrate off site within the interbedded zone bounded by clean samples at the water table and deeper within the unconfined aquifer.

- Cross Section D-D' (**Figure 29D**) shows a north-south oriented transect along Belden Court. It shows a thicker permeable zone to the north that thins to the south near Plymouth Road. Groundwater impacts range from shallow near the water table to deeper within the interbedded zone of the unconfined aquifer. Recent monitoring well data show that concentrations of VC have decreased over time relative to the historical collocated VAP samples with results from several monitoring wells below the residential SSVIAC (e.g., HPT-56 and MW-73D).

The VAP data illustrated on the cross-sections and the geology and groundwater results obtained from the deep monitoring wells located on site (e.g., MW-15-61D, Section 4.1.2), illustrate the vertical delineation of the VC plume, which is present in the unconfined aquifer above the underlying confining unit composed of more than 60 feet of lacustrine clay and glacial till.

#### 4.3.1.2.3 Groundwater Stability Analysis

Groundwater is monitored quarterly to evaluate plume stability and concentration trends using the permanent monitoring well network. Between April 2017 and May 2025, up to 33 sampling events were completed for the AOC monitoring wells. Mann-Kendall trend tests were conducted at 90 percent confidence for the off-site wells for constituents passing the following screening criteria:

1. Monitoring well has been sampled for at least four events;
2. A frequency of detection of at least 50 percent; and
3. Concentration of VC with at least one exceedance of the applicable screening criteria (1 µg/L) at any point in the sampling history.

Summary statistics and the coefficient of variation of detected results were also calculated. Descriptions of the method, results, trend graphs, and a summary figure showing the statistical trends are included in **Appendix K**. Graphs are only included for locations that met the Mann-Kendall criteria. Key findings of the Mann-Kendall trend tests include the following:

- Concentrations of VC at monitoring wells downgradient from the HCS and PRB to the eastern property boundary exhibit statistically decreasing trends, or have no significant trend, with few exceptions discussed further below. Results in this area verify that the HCS and/or PRB are effectively capturing groundwater or treating the downgradient VC plume.
- The majority of the off-site monitoring wells within the BC/AV area did not meet the Mann-Kendall criteria, as the data have not exceeded the SSVIAC for VC at any point in sampling history.
- For those off-site wells that met Mann-Kendall criteria, concentrations of VC off-site BC/AV area exhibit a statistically decreasing trend or have no significant trend, with exceptions discussed further below.
- Increasing trends within the AOC are observed for PW-16-01, MW-70, MW-74, MW-102, MW-122, MW-130S, MW-150S, and MW-209S. A discussion of the increasing trends follows:
    - PW-16-01 – is located on site upgradient of the HCS. Although this well shows an increasing trend, concentrations vary. For example, the most recent concentration for VC (890 µg/L) is much lower than its historical maximum VC concentration (5,300 µg/L) observed in November 2017. Concentrations from this location are captured by the HCS as demonstrated at MW-71, located downgradient (east of the HCS), where VC concentrations have never exceeded applicable screening levels.

- MW-70 – is located on site upgradient of the HCS. Although this well shows an increasing trend, the concentrations of VC are managed by the HCS. This is shown by downgradient wells, such as MW-69, MW-30, and MW-208S, which show a decreasing trend or have not exceeded applicable criteria.
- MW-74 – is located off site on Belden Court and installed within the interbedded zone. While this location shows an increasing trend, the concentration of VC has fluctuated between 0.7 and 6.4 µg/L, with the most recent result of 3.8 µg/L. MW-74 has generally exhibited decreasing VC concentrations since its maximum detection in November 2024 of 6.4 µg/L. Because this well is installed in the interbedded zone, it will be slower to respond to the operation of the HCS.
- MW-102 – is located off site on Rosatti Avenue and installed below the water table at a total depth of 15 feet bgs. Based on the trend graph, this well has exhibited increasing concentrations from 2018 to August 2023, when it reached its maximum observed concentration of 3.0 µg/L. Since August 2023, the concentration trend has been decreasing, with the most recent detection of VC at 1.5 µg/L.
- MW-122 – is located on site outside of the area of the HCS and PRB and installed within the interbedded zone. While this well exhibits an increasing trend, the concentration range (1.4 to 3.3 µg/L) is low and has been stable since November 2022. Furthermore, downgradient monitoring wells exhibit no significant trend (MW-54) or do not meet the Mann-Kendall criteria due to no exceedances of applicable criteria (MW-214S).
- MW-130S – is located off site in the Alden Village subdivision on Beacon Street. Concentrations fluctuate between non-detect and 3.5 µg/L. The most recent result was 1.5 µg/L during the second quarter of 2025. This location is at the distal end of the groundwater plume and will be slower to react to the operation of the HCS and installation of the PRB. Further, this well is in an area where the interbedded zone thins, and impacts within the deeper interbedded zone unconfined aquifer move to the water table zone (Section 4.1.2).
- MW-150S – is located off site in the Alden Village subdivision on Beacon Street. Concentrations fluctuate between non-detect and 1.1 µg/L. The most recent result was 0.85J µg/L during the second quarter 2025. Similar to MW-130S, this well is located at the distal end of the VC plume and will be slower to react to the operation of the HCS and installation of the PRB. This area is where the interbedded zone thins and impacts within the deeper interbedded zone unconfined aquifer move to the water table zone (Section 4.1.2).
- MW-209S – is located on the eastern property boundary. Concentrations have historically fluctuated between non-detect and 3.0 µg/L. This maximum concentration was detected in 2024, but has subsequently decreased back to 1.1 µg/L during the second quarter 2025.

#### 4.3.1.3 Soil Vapor Sampling Results

An initial VI evaluation on site and within the Alden Village subdivision area began in 2015 and 2016 following the discovery of LNAPL under portions of the LTP building and groundwater impacts in the Alden Village subdivision area. A total of 15 exterior temporary SVMPs (SVMP-15-03 through SVMP-15-08, SVMP-16-01 through SVMP-16-09) were installed and sampled outside of the ATNPC to evaluate the presence of VOCs and the potential VI risk to the ATNPC Building, along the eastern property boundary to evaluate for the migration of VOCs in soil vapor to the Belden Court and Alden Village subdivision area, and at two locations within the Alden Village subdivision area to evaluate the potential for vapor impacts in the vadose zone due to the presence of groundwater impacts. These temporary SVMPs were sampled one time for an initial screening event and were abandoned following the sampling event. The locations of the SVMPs are shown on **Figure 8**.

Analytical results from the samples collected from four of the eight SVMP locations outside of ATNPC (SVMP-15-08, SVMP-16-03, SVMP-16-07, and SVMP-16-08; **Table 5**) indicated the presence of TCE at concentrations above the residential SSVIAC. The reporting limits for VC and cis-1,2-DCE were elevated above the residential SSVIAC in analytical results from the sample collected at SVMP-15-08 (**Table 5**). These elevated reporting limits are likely due to the elevated detection of TCE in the sample, though the laboratory report did not specify the reason for the elevated reporting limits. **Figure 8** describes the SVMP analytical results for cis-1,2-DCE, TCE, and VC. These sample results prompted the need for interior sub-slab soil vapor sampling within the ATNPC Building. Details regarding the installation and sampling of sub-slab monitoring points (SSMPs) within the ATNPC Building will be included in the future on-site RI report. Analytical results for samples collected from all SVMP locations along the eastern property boundary (SVMP-15-03 through SVMP-15-07) and within the Alden Village subdivision area (SVMP-16-01 and SVMP-16-02) were below the residential SSVIAC for all site-related COCs (**Table 5** and **Figure 8**).

In 2017, the soil vapor investigation was expanded within the BC/AV area following the discovery of groundwater impacts within these areas. An additional 43 exterior SVMPs (SVMP-01S/D through SVMP-03/D, SVMP-4 through SVMP-24, SVMP-25S/D, SVMP-26 through SVMP-28, SVMP-29S/D, SVMP-30, SVMP-31, SVMP-32S/D, and SVMP-33 through SVMP-37) were installed at off-site residential and commercial properties within both city-owned ROWs and on privately owned land to evaluate the presence of VOCs in the vadose zone associated with the off-site groundwater impacts. Up to nine quarterly soil vapor sampling events were completed at these locations between 2017 and 2019 to establish and evaluate spatial and temporal trends. Site-related COCs were not detected at concentrations above the residential SSVIAC at any of samples collected.

#### 4.3.1.4 Utility Corridor Sampling Results

As introduced in Section 3.2.5, between December 2018 and December 2020, Arcadis surveyed storm, combined sanitary, and sanitary sewer manholes located in area of Belden Court, the Alden Village subdivision, along Rosati Avenue, and along Stark Road. Estimated flow directions and piping configurations are shown on **Figure 9**. The surveys were completed to determine the depths of manhole rims, inverts, and sumps, and to determine flow direction within the sewers. Results from this survey indicate that the depth to invert is generally between 5 and 15 feet bgs. Based on these depths, the sewers off site are potentially in contact with groundwater and therefore required evaluation. To evaluate the sewers within the off-site portion of the AOC that were identified to be potentially in contact with groundwater, Ford and Arcadis submitted the RespAP – Utility Corridor Evaluation Revised (Arcadis 2020) to EGLE on February 11, 2020. EGLE approved the UC RespAP on March 5, 2020. The UC RespAP outlined field activities to comprehensively assess potential exposures via the utility corridors in the AOC.

Details regarding the evaluation within the sewers along Plymouth Road are included in the Off-site Utility Corridor – Plymouth Road, Stark Road, Hathaway Avenue, and Farmington Road Remedial Investigation Report (Arcadis 2025). Details regarding the evaluation of sewers between the HCS and eastern property boundary will be included in the future on-site RI report.

Between June 2020 and September 2021, Arcadis reviewed sewer maps provided by the City of Livonia as well as the City of Livonia geographic information system files. This information was used to generate most of the sewer layout information provided on **Figure 9**. In addition, sewer locations were confirmed in the field to verify the City of Livonia records. Refer to Section 4.1.4 for a description of the sewer layout in the AOC. Based on investigations of these sewers and City of Livonia records, it was determined that storm sewers are separate from sanitary sewers, except for the combined sewer system within Alden Village. Field notes from off-site sewer reconnaissance activities are included in **Appendix I**.

To evaluate if off-site shallow groundwater impacted with VC was infiltrating the sewers in the AOC, Arcadis collected vapor, liquid (when present), and sediment (when present) samples from storm sewer manholes, sanitary sewer manholes, and/or combined storm and sanitary sewer manholes. Manholes were located along Belden Court, in the Alden Village subdivision, and along Rosati Avenue. **Exhibit 8** below provides the names of the sewer structures sampled and designates whether they are storm, sanitary, or combined storm and sanitary sewer manholes. **Exhibit 9** below provides a summary of the sample locations for vapor, liquid, and sediment samples collected.

***Exhibit 8: Storm, Sanitary, or Combined Storm and Sanitary Sewer Sample Locations***

| Storm Sewer Structures | Sanitary Sewer Structures | Combined Storm and Sanitary Sewer Structures |
|---|---|---|
| STMH-1001, STMH-1041, STMH-1066, STMH-1088, STMH-1171, STMH-1210, STMH-1219 | SAMH-1020, SAMH-1043, SAMH-1067, SAMH-1082, SAMH-1181, SL-7, SL-13, SL-14, SL-15 | SAMH-1096, SAMH-1113, SAMH-1116, SAMH-1122, SAMH-1123 |

***Exhibit 9: Storm, Sanitary, or Combined Storm and Sanitary Sewer Sample Locations***

| Sample Media | Sample Location | Figure Reference |
|---|---|---|
| Liquid | STMH-1001, STMH-1041, STMH-1066, STMH-1088, STMH-1171, STMH-1210, STMH-1219, SAMH-1020, SAMH-1043, SAMH-1067, SAMH-1082, SAMH-1096, and SAMH-1181 | Figure 10 |
| Sediment | SAMH-1020 and SAMH-1122 | Figure 11 |
| Vapor | STMH-1001, STMH-1041, STMH-1066, STMH-1088, STMH-1171, STMH-1210, STMH-1219, SAMH-1020, SAMH-1043, SAMH-1067, SAMH-1082, SAMH-1096, SAMH-1113, SAMH-1116, SAMH-1122, SAMH-1123, and SAMH-1181 | Figure 12 |

Sewer vapor analytical results collected as part of the sewer investigation were compared to the preferential pathway SSVIAC (Section 3.1). Site-specific criteria for COCs in sewer sediment and sewer liquid samples were not provided by EGLE; therefore, analytical results for these samples are not compared to criteria.

#### 4.3.1.4.1 Sewer Liquid, Sediment, and Vapor Results

A total of 150 liquid, two sediment, and 179 vapor samples (including duplicate samples) have been collected from storm and sanitary sewers in the AOC at the sampling frequency and monitoring periods detailed in Section 3.3.2 and summarized below to assess the potential exposure pathway via the utility corridors within the AOC.

Vapor and liquid samples were collected from sample locations along Belden Court, in the Alden Village subdivision, and along Rosati Avenue during four sampling events (June 2020, September 2020, December

2020, and March 2021), and vapor and liquid samples were collected from sample locations along Stark Road during up to 24 sampling events completed between July 2021 and May 2022. One sediment sample was collected during the June 2020 sampling event from a location along Belden Court (SAMH-1020), and one sediment sample was collected during the December 2020 event from a location within Alden Village (SAMH-1122). The sampling work along Stark Road was completed as part of a separate scope of work associated with impacts along Plymouth Road as detailed in the Off-Site Utility Corridor – Plymouth Road, Stark Road, Hathaway Avenue, and Farmington Road Remedial Investigation Report (Arcadis 2025).

Sewer Liquid Samples: Of the 150 liquid samples collected, analytical results for three samples show detections of VC at low levels. These three samples were from STMH-1066 in June 2020 (VC result of 0.73 J µg/L), and SL-13 in July 2021 (VC result of 1.2 µg/L) and December 2021 (VC result of 0.49 J µg/L) (**Table 6**). Results for all other liquid samples collected were non-detect for VC. VC was not detected in any of the samples collected during the three most recent sampling events. These data suggest that off-site shallow groundwater impacted with VC is not entering the sewer structures. Results for the liquid samples collected are provided in **Table 6** and presented on **Figure 10**.

Analytical results for other liquid samples (STMH-1001, STMH-1041, SAMH-1043, STMH-1066, SAMH-1082, SAMH-1096, STMH-1171, SAMH-1181, STMH-1219, SL-7, SL-13, SL-14, and SL-15) show detections of COCs other than VC including 1,4-dioxane, cis-1,2-DCE, and PCE.

- Concentrations of cis-1,2-DCE were detected at low levels (0.17 J to 0.50 J µg/L) in analytical results from liquid samples collected from STMH-1001, STMH-1066, STMH-1171, SAMH-1181, STMH-1219, SL-7, and SL-13. As discussed in Section 4.3.1.2.1, concentrations of cis-1,2-DCE have been detected above the residential SSVIAC in shallow groundwater at MW-89S on Beacon Street, but the area of cis-1,2-DCE detections in the sewers does not correlate with the area of groundwater detections.
- Other constituents detected in liquid samples (1,4-dioxane and PCE) have not been detected at concentrations above the residential SSVIAC in groundwater within the AOC; therefore, these are not likely related to off-site groundwater impacts.

Sediment Samples: Analytical results from the two sediment samples collected were non-detect for all site-related COCs. Results for the samples are provided in **Table 7** and on **Figure 11**.

Vapor Samples: Of the 179 vapor samples collected, analytical results for 10 of the samples show detections of VC at concentrations above the SSVIAC. Results for the vapor samples collected are provided in **Table 8**. Analytical reports are included in **Appendix H**. The vapor sample locations and VC results are summarized for the four most recent sampling events on **Figure 12**.

Eight of the 10 samples with detections of VC above the SSVIAC were collected from sample locations SL-7, SL-13, SL-14, and SL-15 along Stark Road. The most elevated concentration of VC detected in vapor samples during the four most recent sampling events was collected at SL-7 (1.7 micrograms per cubic meter [µg/$m^3$]) located at the intersection of Stark Road and Boston Post Street during the sample event on May 24, 2022. Analytical results for samples collected from the upgradient location within Alden Village (SAMH-1096) have been non-detect for VC, and analytical results for samples collected from the upgradient locations along Stark Road (SL-13, SL-14, and SL-15) were below the SSVIAC during the last four sampling events.

The remaining two samples with detections of VC above the SSVIAC were collected from storm sewer manhole STMH-1171 located along Rosati Avenue. This detection appears to be localized, as vapor analytical results for all samples collected at the downgradient storm sewer manhole STMH-1219 were non-detect for VC.

Analytical results for VC in vapor samples collected at the remaining locations within the AOC were non-detect for VC, including the BC/AV area, where the most elevated concentrations of VC are present in shallow groundwater.

These results indicate that off-site shallow groundwater impacted with VC is potentially not infiltrating or impacting sewers in the AOC in a significant way.

Analytical results for other sewer vapor samples (STMH-1001, STMH-1041, STMH-1171, STMH-1210, STMH-1219, SAMH-1067, SAMH-1082, SAMH-1116, SAMH-1122, SL-7, SL-13, and SL-14) show COCs other than VC at concentrations above the SSVIAC including 1,4-dioxane, cis-1,2-DCE, PCE, and TCE.

- Concentrations of cis-1,2-DCE were reported above the SSVIAC in analytical results from sewer vapor samples collected from SL-7, STMH-1171, and STMH-1219. As discussed in Section 4.3.1.2.1, concentrations of cis-1,2-DCE have been detected above the residential SSVIAC in shallow groundwater at MW-89S on Beacon Street, but the area of cis-1,2-DCE detections in the sewers does not correlate with the area of groundwater detections.
- Other constituents detected in sewer vapor at concentrations above the SSVIAC (1,4-dioxane, PCE, and TCE) have not been detected above the residential SSVIAC in groundwater within the AOC; therefore, they do not appear to be related to the LTP VC plume.

# 5 Exposure Pathway and Receptor Evaluation

The initial exposure pathway and receptor evaluation was updated based on response actions completed from 2016 through second quarter 2025 to determine if off-site human and ecological receptors could potentially be exposed to impacted environmental media in the areas surrounding the LTP Site. This evaluation considered only release mechanisms, exposure pathways, and potential receptors and did not consider exposure point concentrations. The relevant exposure pathways for the AOC are discussed below.

## 5.1 Receptor Identification

Off-site human receptors include current and future commercial/industrial workers along Belden Court, Plymouth Road, and north of the railroad tracks; current and future residents in the Alden Village residential area; future hypothetical construction workers across the AOC; and recreational users in the Middle Rouge River.

A sensitive receptor desktop survey was conducted to identify the presence of any daycare facilities, nursing homes, doctor's offices, and other facilities within the AOC that may be frequented by sensitive populations. No sensitive human receptors were identified in the off-site commercial/industrial areas or the residential neighborhood.

Ecological receptors include aquatic life (e.g., fish, aquatic plants, aquatic invertebrates) and benthic macroinvertebrates potentially using off-site aquatic habitat in the retention ponds and the Middle Rouge River. Exposure to surface water and sediment in retention ponds is not expected to be a significant pathway for bird and mammal populations because the small size of the habitat is insufficient to support population or community use, and surface water is an insignificant portion of the exposure for these receptors compared to dietary exposure. In addition, the COCs are not bioaccumulative and would not be expected in the diet for birds and mammals.

As part of the identification of potentially exposed ecological receptors, it is necessary to identify protected species that may be exposed to site-related constituents. The listings of threatened and endangered species for Wayne County, Michigan were obtained from the Michigan Department of Agriculture and Rural Development (MDARD 2025). Two endangered invertebrate species were identified by MDARD (2025) for Wayne County (northern riffleshell [*Epioblasma torulosa rangiana*] and white catspaw [*Epioblasma obliquata perobliqua*]). However, habitat is not present in the AOC for these species, as they require streams with riffle and runs in high-gradient streams.

## 5.2 Exposure Pathways

Receptors in the AOC may be exposed to impacted soil, groundwater, soil vapor, and other media (liquid, sediment, and vapors) in the utility corridors.

Potential human receptors in the AOC may be exposed to contaminants in impacted media via the following relevant exposure pathways:

- Exposure to soil via incidental ingestion and dermal contact and inhalation of volatiles and particulates in ambient air;
- Exposure to groundwater used as potable water via ingestion and dermal contact and inhalation of volatiles in indoor air due to potable use of groundwater;
- Exposure via inhalation to vapors migrating from soil, groundwater, sump water, and soil gas into indoor air;

- Exposure to shallow groundwater during construction via incidental ingestion, dermal contact, and inhalation of volatiles migrating from shallow groundwater into an excavation or a utility trench;
- Exposure to media (liquid, sediment, and vapors) in utility corridors during utility work;
- Exposure to shallow groundwater migrating to surface water and sediment in the retention ponds on Rosati Avenue via incidental ingestion of and dermal contact with surface water and sediment; and
- Exposure to groundwater that has infiltrated into storm sewers that eventually discharge to the Middle Rouge River, which is the closest surface water feature (between 3,500 and 3,800 feet south of the AOC) via incidental ingestion and dermal contact.

For ecological receptors, exposure to wetland soils in the surface depth interval is possible, but habitat is limited in the AOC because most areas are maintained as residential/commercial properties. In addition, the HCS and PRB were installed downgradient of the source areas located on site and intersect impacted groundwater, therefore limiting future off-site exposure to site-related constituents.

Before the installation of the HCS in March 2017, groundwater impacts related to the LTP were partially captured by infiltration into a leaking storm sewer main, which has since been repaired (Section 2.3). Off-site storm sewers intersect the off-site groundwater plume, and stormwater from the Plymouth Road and Stark Road storm sewers ultimately discharges to the Middle Rouge River. The GSI pathway is relevant for ecological receptors through direct contact with off-site surface water and/or sediment in Middle Rouge River.

Potential ecological receptors in the AOC may be exposed to contaminants in impacted media via the following relevant exposure pathways:

- Exposure to shallow groundwater migrating to surface water and sediment in the retention ponds on Rosati Avenue via direct contact with surface water and sediment; and
- Exposure to water and sediment potentially impacted by groundwater that has infiltrated into storm sewers that eventually discharge to the Middle Rouge River.

## 5.3 Applicable Criteria

Human receptors and relevant exposure pathways were identified for environmental media in the AOC as discussed in Sections 5.1 and 5.2. Based on the human health evaluation, the following criteria are applicable for the AOC:

- Residential Direct Contact Criteria for soil;
- Residential Drinking Water and Drinking Water Protection Criteria;
- GSI and GSI Protection Criteria (in the AOC and the Middle Rouge River);
- Residential Volatile Soil Inhalation Criteria;
- Residential Particulate Inhalation Criteria;
- SSVIAC for soil, groundwater in contact, and soil gas; and
- Preferential pathway SSVIAC.

Ecological receptors and relevant exposure pathways were identified for environmental media in the AOC as discussed in Sections 5.1 and 5.2. Rule 57 Surface Water Quality Values based on chronic values for aquatic life (EGLE 2024) apply aquatic ecological receptors exposed to surface water in the AOC and Middle Rouge River.

# 6 Data Quality and Uncertainty

## 6.1 Data Quality

Field data were collected in accordance with the procedures outlined in the on-site and off-site QAPPs (Arcadis 2017d, 2017e). To facilitate collection of high-quality data, the following QA/QC procedures were implemented during field activities:

- To verify the quality of data using field instrumentation, duplicate measurements were obtained and reported for all field measurements.
- New, certified, clean sample containers were supplied by the laboratory.
- Field duplicates were collected at a frequency of approximately 5 percent (i.e., one field duplicate for every 20 samples collected) and submitted as blind samples to the laboratory.
- Trip blanks were analyzed at a frequency of once per day per cooler containing samples to be analyzed for VOCs.

Field procedures and QA/QC processes are detailed in the on-site and off-site QAPPs (Arcadis 2017d, 2017e).

### 6.1.1 Quality Assurance/Quality Control – Analytical Laboratory

As described in the on-site and off-site QAPPs, internal laboratory QC checks were employed to monitor data integrity and to document the validity of the data generated. The following checks provided information about sampling technique, analyst technique, instrument capability, possible sources of contamination, precision of the results, and any difficulties with the sample matrix (i.e., soil, groundwater, sewer sediment, sewer liquid, or vapor):

- Instruments were calibrated as required by the method before completing any sampling and if/when any ongoing calibration did not meet control criteria.
- One method blank was analyzed to identify potential sources of contamination in the analytical process with each analytical series associated with no more than 20 samples.
- MS/MSD pairs were analyzed at a frequency of approximately 5 percent (i.e., additional sample volume for MS and MSD analyses were collected for every 20 field samples collected per matrix).
- One laboratory control sample was analyzed with each analytical series associated with 20 samples or fewer.
- A surrogate standard was added to samples in a known amount before purging or extraction to evaluate the response of the analyte to the preparation and analysis procedures.
- Internal standards were used to calibrate the analytical system by plotting the response of the internal standard versus the compounds of interest.

A detailed explanation of the laboratory QA/QC processes and procedures is presented in the on-site and off-site QAPPs (Arcadis 2017d, 2017e).

### 6.1.2 Data Validation

After field and laboratory data were obtained, the data were subject to the following:

- Reduction or manipulation (mathematically or otherwise) into meaningful and useful forms;
- Data verification via CADENA Incorporated (CADENA);
- Review; and

- Organization, interpretation, and reporting.

Data verification is a standardized review process for judging the analytical quality and usefulness of a discrete set of chemical data and is necessary to ensure that data of known and documented quality are used in making environmental decisions that meet the data quality objectives for the LTP Site. Data verification is a systematic process that compares a body of data to the requirements in a set of documented acceptance criteria to ascertain the completeness, correctness, and consistency of the data.

CADENA verified data using the Ford Environmental Laboratory Technical Specification, the CADENA SOP for the Verification of Environmental Analytical Data, and associated analytical methods as reference for evaluating the batch QC data, sample data, and report content. The USEPA National Functional Guidelines for validating organic data (USEPA 2020) were used when addressing anomalous QC results and the associated data qualifiers.

Upon receipt of the laboratory data, the following procedures were performed:

- Evaluated completeness of the data package;
- Verified that field chain-of-custody forms were completed and that samples were handled properly;
- Verified that holding times were met for each parameter;
- Verified that parameters were analyzed according to the methods specified;
- Reviewed QA/QC data (i.e., confirmed that the correct number and types of field and laboratory QC samples were collected and analyzed, and that the percent recovery and relative percent difference were acceptable); and
- Investigated anomalies identified during review. When anomalies were identified, they were discussed with the Arcadis project manager and/or laboratory manager as appropriate.

Reviewed findings were provided to Arcadis in the CADENA Data Verification Report, which included data tables and an electronic data deliverable in the Environmental Quality Information System (EQuIS) four-file format amended with any assigned data qualifiers.

## 6.2 Uncertainty

### 6.2.1 Groundwater

More than 5,000 groundwater samples have been collected in the AOC from 2015 to 2025 during investigations and through routine groundwater monitoring. This extensive dataset has allowed for minimal uncertainty in the groundwater data, as the monitoring wells have been sampled multiple times (up to 33 quarters) and the VAP groundwater data, which was collected and used to determine the placement of many of the monitoring wells, correlate well with the monitoring well sample results. Anomalous results were either reviewed, resampled, and verified or monitored in subsequent monitoring events for consistency. The groundwater dataset has provided a reliable basis for the understanding of AOC conditions.

### 6.2.2 Soil Vapor

As noted in section 3.2.4, SVMP locations SVMP-15-03 through SVMP-15-08 were not leak-tested during sampling; therefore, these locations were not sampled in accordance with the EGLE VI Guidance (EGLE 2013). Due to the absence of leak testing, it cannot be confirmed if the vapor samples collected from these locations were influenced by ambient air. However, the potential for influence by ambient air is decreased by the fact that

the 2015 SVMP locations were sampled at depths of 8 feet bgs or deeper, below the recommended depth of 5 feet in the EGLE VI guidance, to reduce potential influence by ambient air.

Due to the presence of shallow groundwater, 37 of the 61 SVMP screens installed within the AOC were installed at depths less than 5 feet bgs. The EGLE VI Guidance (EGLE 2013) indicates that, although soil gas samples collected at less than 5 feet bgs may provide beneficial information to support lines of evidence, the effects due to barometric pressure, temperature, and the potential breakthrough of ambient air from the surface have the potential to cause these samples to be less reliable than soil gas samples collected at depths greater than 5 feet bgs. Therefore, for these reasons, there is a degree of uncertainty associated with the data collected from SVMP locations with screens installed at depths less than 5 feet bgs. To address this potential uncertainty, several technical QC measures were implemented to facilitate the collection of representative soil vapor samples at depths less than 5 feet bgs (as described in Section 3.2.4).

# 7 Summary of Findings

The goal of this RI Report is to define the nature and extent of the off-site impacts to all environmental media and evaluate potential risk to off-site receptors. The resulting CSM will support the final RAP for the AOC. The site investigation and monitoring data collected within the AOC, beginning in 2015 and continuing through second quarter 2025, show that impacts within the AOC associated with the operation of the LTP have been delineated to the most restrictive residential criteria. Hydrogeology has been characterized within the AOC, and the resulting CSM describes the preferential groundwater and vapor transport pathways. As part of the investigation, all the relevant exposure pathways have been evaluated including groundwater ingestion; inhalation/soil vapor; dermal contact; and groundwater-surface water interaction including potential impact to sewers, sediments, and surface water. Conclusions from the soil, groundwater, VI, and utility corridor investigations include:

- Shallow soils in the AOC consist of sand-gravel outwash to depths of approximately 10 to 12 feet bgs. The outwash is underlain by a zone of interbedded silt/clay, silty sand, and fine sand extending to a depth of approximately 25 feet bgs and then transitions to a low-permeability lacustrine clay. The sandy outwash and interbedded zone make up the unconfined aquifer, in which the observed groundwater plumes are located. The lacustrine clay acts as an aquitard is approximately 35 to 45 feet thick and extends to an approximate depth of 70 feet bgs. Under the lacustrine clay is a layer of dense glacial till approximately 10 to 15 feet thick, and beneath the till is a saturated gravel unit that extends to a depth of approximately 80 to 105 feet bgs. The gravel unit represents the confined aquifer. Groundwater elevation within the deep gravel unit is 15 to 20 feet lower than that measured within the interbedded zone unconfined aquifer and demonstrates hydraulic separation between the two zones. The gravel unit is followed by shale bedrock.
- Most groundwater flux occurs in the shallowest portions of the unconfined aquifer within the outwash deposits. The estimated seepage velocity for the outwash ranges from 0.5 to 2 feet/d based on available data. For the interbedded zone, groundwater within the clay/silt beds are effectively immobile and dominated by diffusion, whereas advection in the silt/sand interbeds may exhibit seepage velocities up to 0.5 feet/d.
- Contaminant migration is driven by advection in the outwash and a combination of slow advection and diffusion within the interbedded zone. Mass storage within the clay/silt layers within the interbedded zone diffuses back to the advective zones over time (i.e., back-diffusion) as indicated by the persistent low concentrations observed in the off-site monitoring well network, particularly in monitoring wells installed within the interbedded zone.
- Off site, within the Alden Village subdivision area, groundwater impacts primarily consist of VC. Near the water table, the VC concentrations are low, ranging from non-detect to 1.7 µg/L (second quarter 2025). The highest concentrations in impacted groundwater are found within the interbedded zone of the unconfined aquifer above the lacustrine clay aquitard at depths of approximately 15 to 20 feet bgs.
- Interim measures have been implemented on the on-site portion of the AOC since 2016 including the installation of the HCS and the PRB near the eastern property boundary. The HCS was installed in 2016 as an interim measure to capture the groundwater plume(s). The goal of the HCS was to eliminate further migration off site to the east of the Property. The HCS effectively captures the groundwater flux migrating east from the LTP source areas. To supplement the northern part of the HCS system, where capture was less certain, the PRB was installed in 2023 downgradient of the HCS to treat impacted groundwater before migration off site. Within the AOC, the decreasing concentrations and VC plume footprint in the shallow water table aquifer are likely related to the operation of the HCS, passive treatment associated with the PRB, and natural attenuation.
- Soil samples collected on site do not suggest a source mass present at or near the property boundary, and samples collected within the AOC between the HCS and the eastern property boundary were non-detect for

all site-related COCs. There is no evidence of historical operations or the potential for release of COCs in the AOC included as part of this RI, either on site or off site, that would have contaminated vadose-zone soils. Therefore, off-site soil was not sampled as part of this RI.

- Before the construction of the Alden Village subdivision and Belden Court industrial properties, much of the AOC included wetlands. When construction of the properties began, the land was graded to build roads and structures, and the wetlands were destroyed. Presently, there is only one wetland area within the AOC consisting of two man-made freshwater retention ponds located north of Rosati Avenue.
- Mann-Kendall analysis was used to evaluate VC plume stability within the AOC. To qualify for Mann-Kendall analysis, the monitoring well must have 50 percent detections and at least one exceedance of relevant criteria over the monitoring period. The results of the Mann-Kendall analysis show that HCS and PRB are effectively capturing and/or treating groundwater on site with statistically stable or decreasing concentrations downgradient of the systems, with some exceptions. Monitoring wells with statistically significant increasing VC trends exhibit single-digit part per billion concentrations, and trends may be related to a variety of factors including depth of the well and location relative to the HCS and PRB systems. Deeper wells installed in the interbedded zone will exhibit more persistent concentrations due to mass storage and back-diffusion over time.
- Soil vapor impacts are present outside of the ATNPC Building but have been addressed through SSMP installation and sampling within the ATNPC Building. Additional sampling of SVMPs at the eastern property boundary and throughout the off-site portion of the AOC show that site-related COCs are not present in soil vapor at concentrations above the residential SSVIAC.
- Sampling results from sewers for vapor, liquid, and sediment within the AOC suggest that the off-site VC groundwater plume is either not entering the sewer structures or is not impacting liquid or vapor conditions within the sewers. COCs other than VC are sporadically detected in sewers within the AOC (including 1,4-dioxane, cis-1,2-DCE, PCE, and TCE) but do not appear to be related to the LTP VC plume.
- Potential human health exposure pathways will be considered as part of a future RAP. Receptors in the AOC may be exposed to impacted soil, groundwater, soil vapor, and other media (liquid, sediment, and vapors) in the utility corridors. Potential human receptors in the AOC may be exposed to contaminants in impacted media via the following relevant exposure pathways:
    - Exposure to groundwater used as potable water via ingestion and dermal contact and inhalation of volatiles in indoor air due to potable use of groundwater;
    - Exposure via inhalation to vapors migrating from groundwater, sump water, and soil gas into indoor air;
    - Exposure to shallow groundwater during construction via incidental ingestion, dermal contact, and inhalation of volatiles migrating from shallow groundwater into an excavation or a utility trench;
    - Exposure to media (liquid, sediment, and vapors) in utility corridors during utility work;
    - Exposure to shallow groundwater migrating to surface water and sediment in the retention ponds on Rosati Avenue via incidental ingestion of and dermal contact with surface water and sediment; and
    - Exposure to groundwater that has infiltrated into storm sewers that eventually discharge to the Middle Rouge River, which is the closest surface water feature (between 3,500 and 3,800 feet south of the AOC), via incidental ingestion and dermal contact.
- Potential ecological exposure pathways will be considered as part of a future RAP. For ecological receptors, exposure to wetland soils in the surface depth interval is possible, but habitat is limited in the AOC because most areas are maintained as residential/commercial properties. Potential ecological receptors in the AOC may be exposed to contaminants in impacted media via the following relevant exposure pathways:

- Exposure to shallow groundwater migrating to surface water and sediment in the retention ponds on Rosati Avenue via direct contact with surface water and sediment; and
- Exposure to water potentially impacted by groundwater and sediment that has infiltrated into storm sewers that eventually discharge to the Middle Rouge River.

# 8 Conclusions and Recommendations

This report was prepared to document a portion of the RI conducted at the Ford LTP located in Livonia, Michigan. The RI reporting for the Site has been broken out into the following three areas: on-site, off-site BC/AV area, and the off-site utility corridor. This RI focuses on the AOC including the eastern property boundary and off-site commercial and residential areas located north and east of the Site. An on-site RI, which will include the Property and the commercial and residential area extending from Plymouth Road south to the Middle Rouge River, will be provided as a future submittal. The on-site investigation is largely summarized in the 2017 Conceptual Site Model (Arcadis 2017c) report. The Off-Site Utility Corridor RI, documenting the investigation of downgradient sewers, was submitted to EGLE under separate cover (Arcadis 2025).

Based on the findings of this RI, the nature and extent of the soil, groundwater, and vapor impacts have been delineated to the most restrictive EGLE generic Part 201 criteria. Hydrogeology has been characterized within the AOC, and the resulting CSM describes the preferential groundwater and vapor transport pathways. As part of the investigation, data have been collected to assess all the relevant exposure pathways including groundwater ingestion; inhalation/soil vapor, dermal contact; and groundwater-surface water interface including potential impact to sewers, sediments, and surface water.

## 8.1 Response Action Recommendations

The following actions are recommended with regard to the off-site AOC:

- Continued operation of the HCS near the eastern boundary to capture groundwater and reduce the potential for additional migration of the groundwater plume to the BC/AV area located east of the Property;
- Continued performance monitoring to document reducing concentrations downgradient of the PRB;
- Groundwater monitoring at a subset of existing monitoring wells at an appropriate frequency to monitor groundwater plume stability;
- Based on the large amount of soil vapor and groundwater data collected in the BC/AV area, re-evaluation of the off-site SSVIAC with a quantitative data comparison and provide recommendations to EGLE via a RespAP;
- Completion of a RAP for the off-site AOC that includes:
    - A formal assessment of potential remedial actions to address the LTP plume that are protective of human health and the environment;
    - Documentation describing existing interim remedies as well as the continued operation of the interim remedies;
    - Documentation regarding a detailed evaluation of VI risk to individual commercial and residential structures impacted by the LTP plume;
    - Recommendations, if any, for (continued) mitigation of existing off-site commercial or residential structures or the shutdown of existing mitigation systems as appropriate; and
    - Development of a long-term monitoring plan for groundwater and other impacts associated with LTP.

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# Tables

**Table 1**
**Groundwater HPT and VAP Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | | | | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride | 1,1,1-Trichloroethane | Dichloroethene[1] | Vinyl chloride + 1,2-Dichloroethane[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Units: | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EGLE Part 201 Residential Drinking Water (DW): | | | | 7.2 (II) | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) | 200 (A) | 70 (A) | 2.0 (A) |
| EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI): | | | | 280 | 130 | 620 | 60 | 1,500 | 200 | 13 | 89 | 620 | 13 |
| Site-Specific Residential VIAC (GWIC): | | | | 1,900 | 18 | 3.4 | 1.5 | 13 | 1.0 | 1.0 | -- | 3.4 | 1.0 |
| EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level: | | | | 1,900 ca | 18 nc | 3.4 nc | 1.5 (FF) st | 16 nc | 1.0 (M); 0.073 (DD) dev | 1.0 (M); 0.12 (MM) mut | 180 (FF) st | 18 nc | 1.0 (M); 0.12 (MM) mut |
| Location ID: | Property Location: | Screen Interval (ft bgs): | Sample Date: | | | | | | | | | | |
| HPT-03 | Onsite | 10-13 | 10/28/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-03 | Onsite | 14-17 | 10/28/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-03 | Onsite | 25-28 | 10/28/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-04 | Onsite | 10-13 | 10/28/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | **4.4** | < 2.0 | < 2.0 | **4.4** |
| HPT-04 | Onsite | 14-17 | 10/28/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | **33.4** | < 2.0 | < 2.0 | **33.4** |
| HPT-05 | Onsite | 9-12 | 10/29/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | 2.0 | < 2.0 | < 2.0 | 2.0 |
| HPT-05 | Onsite | 13-16 | 10/29/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-05 | Onsite | 17-20 | 10/29/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-05 | Onsite | 25-28 | 10/29/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-06 | Onsite | 9-12 | 10/29/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | 1.8 J | < 2.0 | < 2.0 | 1.8 J |
| HPT-06 | Onsite | 15-18 | 10/29/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | **13.7** | < 2.0 | < 2.0 | **13.7** |
| HPT-06 | Onsite | 20-23 | 10/29/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | **11.4** | < 2.0 | < 2.0 | **11.4** |
| HPT-07 | Onsite | 9-12 | 10/29/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | **10.2** | < 2.0 | < 2.0 | **10.2** |
| HPT-07 | Onsite | 15-18 | 10/29/2015 | NA | NA | 2.1 | NA | NA | < 2.0 | **17.1** | < 2.0 | 2.1 | **17.1** |
| HPT-07 | Onsite | 18-21 | 10/29/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-08 | Onsite | 10-13 | 10/29/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-08 | Onsite | 17-20 | 10/29/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-08 | Onsite | 21-24 | 10/29/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-09 | Onsite | 10-13 | 10/30/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-09 | Onsite | 16-19 | 10/30/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-09 | Onsite | 19-22 | 10/30/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | **2.2** | < 2.0 | < 2.0 | **2.2** |
| HPT-09 | Onsite | 19-22 | 2/16/2016 | NA | <1.0 | 0.32 J | <1.0 | <1.0 | <1.0 | **8.0** | <1.0 | 0.32 J | **8.0** |
| HPT-09 | Onsite | 26-29 | 10/30/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-10 | Onsite | 12-15 | 10/30/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-10 | Onsite | 16-19 | 10/30/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-10 | Onsite | 20-23 | 10/30/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-10 | Onsite | 25-28 | 10/30/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-11 | Onsite | 13-16 | 10/31/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-11 | Onsite | 19-22 | 10/31/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-11 | Onsite | 20-23 | 10/31/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-11 | Onsite | 29-32 | 10/31/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-12 | Onsite | 12-15 | 10/31/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-12 | Onsite | 15-18 | 10/31/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-12 | Onsite | 19-22 | 10/31/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-12 | Onsite | 25-28 | 10/31/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-13 | Onsite | 13-16 | 10/31/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-13 | Onsite | 16-19 | 10/31/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-13 | Onsite | 28-31 | 10/31/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-15 | Onsite | 10-13 | 10/27/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-15 | Onsite | 15-18 | 10/27/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-15 | Onsite | 18-21 | 10/27/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-16 | Onsite | 10-13 | 10/30/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-16 | Onsite | 13-16 | 10/30/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-16 | Onsite | 16-19 | 10/30/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-16 | Onsite | 24-27 | 10/30/2015 | NA | NA | < 2.0 | NA | NA | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| HPT-27 | Onsite | 15-18 | 11/13/2015 | 2.7 | NA | 23.5 | NA | NA | < 2.0 | **27.3** | < 2.0 | 23.5 | **27.3** |
| HPT-27 | Onsite | 19-22 | 11/2/2015 | NA | NA | **1,615** | NA | NA | < 100 | < 100 | < 100 | **1,615** | < 100 |
| HPT-27 | Onsite | 29-32 | 11/2/2015 | NA | NA | 15.6 | NA | NA | < 2.0 | **8.7** | < 2.0 | 15.6 | **8.7** |
| HPT-28 | 11672 Belden ROW | 9-12 | 11/15/2015 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-28 | 11672 Belden ROW | 14-17 | 11/15/2015 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-28 | 11672 Belden ROW | 17-20 | 11/15/2015 | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.45 J | < 1.0 | < 1.0 | 0.45 J |
| HPT-29 | 12333 Belden ROW | 8-11 | 11/13/2015 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.57 J | < 1.0 | < 1.0 | 0.57 J |
| HPT-29 | 12333 Belden ROW | 13-16 | 11/13/2015 | 1.1 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 | < 1.0 | < 1.0 | 1.8 |
| HPT-29 | 12333 Belden ROW | 17-20 | 11/13/2015 | 5.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.9** | < 1.0 | < 1.0 | **3.9** |

See Notes on Last Page.

**Table 1**
**Groundwater HPT and VAP Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte: | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride | 1,1,1-Trichloroethane | Dichloroethene[1] | Vinyl chloride + 1,2-Dichloroethane[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units: | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | EGLE Part 201 Residential Drinking Water (DW): | 7.2 (II) | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) | 200 (A) | 70 (A) | 2.0 (A) |
| | | | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI): | 280 | 130 | 620 | 60 | 1,500 | 200 | 13 | 89 | 620 | 13 |
| | | | Site-Specific Residential VIAC (GWIC): | 1,900 | 18 | 3.4 | 1.5 | 13 | 1.0 | 1.0 | -- | 3.4 | 1.0 |
| | | | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level: | 1,900 ca | 18 nc | 3.4 nc | 1.5 (FF) st | 16 nc | 1.0 (M); 0.073 (DD) dev | 1.0 (M); 0.12 (MM) mut | 180 (FF) st | 18 nc | 1.0 (M); 0.12 (MM) mut |
| Location ID: | Property Location: | Screen Interval (ft bgs): | Sample Date: | | | | | | | | | | |
| HPT-29 | 12333 Belden ROW | 21-24 | 11/13/2015 | 0.83 J | < 1.0 | 7.6 | < 1.0 | < 1.0 | < 1.0 | 1.3 | < 1.0 | 7.6 | 1.3 |
| HPT-30 | 12270 Belden ROW | 7-10 | 11/14/2015 | < 2.0 | < 1.0 | 1.8 | < 1.0 | < 1.0 | < 1.0 | **4.3** | < 1.0 | 1.8 | **4.3** |
| HPT-30 | 12270 Belden ROW | 10-13 | 11/14/2015 | 3.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **5.6** | < 1.0 | < 1.0 | **5.6** |
| HPT-30 | 12270 Belden ROW | 14-17 | 11/14/2015 | 4.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 | < 1.0 | < 1.0 | 1.9 |
| HPT-30 | 12270 Belden ROW | 23-26 | 11/14/2015 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-53 | Onsite | 10-13 | 11/11/2015 | 0.45 J | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | NA | NA |
| HPT-53 | Onsite | 15-18 | 11/11/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | NA | NA |
| HPT-53 | Onsite | 19-22 | 11/11/2015 | 1.7 J | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-53 | Onsite | 25-28 | 11/11/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-54 | Onsite | 16-19 | 11/12/2015 | 0.56 J | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | 1.6 J |
| HPT-54 | Onsite | 17-20 | 11/12/2015 | **9.5** | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | 1.6 J | **4.7** |
| HPT-54 | Onsite | 21-24 | 11/12/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | 1.6 J | **5.0** |
| HPT-54 | Onsite | 25-28 | 11/12/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-55 | Onsite | 15-18 | 11/11/2015 | < 2.0 | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | 9.5 | **42** |
| HPT-55 | Onsite | 19-22 | 11/11/2015 | < 2.0 | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | **119** | **243** |
| HPT-55 | Onsite | 25-28 | 11/11/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-56 | 12250 Belden ROW | 8-11 | 11/14/2015 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.71 J | **2.8** | < 1.0 | < 1.0 | **2.8** |
| HPT-56 | 12250 Belden ROW | 12-15 | 11/14/2015 | < 2.0 | < 1.0 | 0.36 J | < 1.0 | < 1.0 | 0.73 J | **12** | < 1.0 | 0.36 J | **12** |
| HPT-56 | 12250 Belden ROW | 15-18 | 11/14/2015 | 2.3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **28** | < 1.0 | < 1.0 | **28** |
| HPT-57 | 12224 Belden ROW | 8-11 | 11/14/2015 | < 2.0 | < 1.0 | 0.93 J | < 1.0 | < 1.0 | < 1.0 | 0.34 J | < 1.0 | 0.93 J | 0.34 J |
| HPT-57 | 12224 Belden ROW | 12-15 | 11/14/2015 | < 2.0 | < 1.0 | 0.80 J | < 1.0 | < 1.0 | 0.28 J | 1.7 | < 1.0 | 0.80 J | 1.7 |
| HPT-57 | 12224 Belden ROW | 15-18 | 11/14/2015 | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **7.3** | < 1.0 | < 1.0 | **7.3** |
| HPT-58 | 12270 Belden ROW | 8-11 | 11/14/2015 | < 2.0 | < 1.0 | 3.2 | < 1.0 | 0.35 J | 0.53 J | **2.6** | < 1.0 | 3.2 | **2.6** |
| HPT-58 | 12270 Belden ROW | 14-17 | 11/14/2015 | 3.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-58 | 12270 Belden ROW | 17-20 | 11/14/2015 | 3.8 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-59 | 12350 Belden ROW | 9-12 | 11/13/2015 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-59 | 12350 Belden ROW | 12-15 | 11/13/2015 | 0.44 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.29 J | < 1.0 | < 1.0 | 0.29 J |
| HPT-59 | 12350 Belden ROW | 16-19 | 11/13/2015 | 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.7** | < 1.0 | < 1.0 | **2.7** |
| HPT-59 | 12350 Belden ROW | 20-23 | 11/13/2015 | 5.8 | < 1.0 | 0.39 J | < 1.0 | < 1.0 | < 1.0 | 1.8 | < 1.0 | 0.39 J | 1.8 |
| HPT-60 | 35200 Plymouth (Belden ROW) | 9-12 | 11/15/2015 | < 2.0 | < 1.0 | 0.33 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.33 J | < 1.0 |
| HPT-60 | 35200 Plymouth (Belden ROW) | 16-19 | 11/15/2015 | < 2.0 | < 1.0 | 2.6 | < 1.0 | < 1.0 | < 1.0 | 0.29 J | < 1.0 | 2.6 | 0.29 J |
| HPT-60 | 35200 Plymouth (Belden ROW) | 20-23 | 11/15/2015 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-61 | 11771 Belden ROW | 8-11 | 11/15/2015 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-61 | 11771 Belden ROW | 12-14 | 11/15/2015 | 1.1 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **8.4** | < 1.0 | < 1.0 | **8.4** |
| HPT-61 | 11771 Belden ROW | 15-18 | 11/15/2015 | 3.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-62 | 11800 Belden ROW | 7-10 | 11/14/2015 | 1.1 J | < 1.0 | 0.48 J | < 1.0 | < 1.0 | < 1.0 | 1.1 | < 1.0 | 0.48 J | 1.1 |
| HPT-62 | 11800 Belden ROW | 12-15 | 11/14/2015 | 2.6 | < 1.0 J | 0.69 J | < 1.0 J | < 1.0 J | < 1.0 J | 0.75 J | < 1.0 J | 0.69 J | 0.75 J |
| HPT-62 | 11800 Belden ROW | 15-18 | 11/14/2015 | 4.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-63 | 11722 Belden ROW | 7-10 | 11/15/2015 | 0.65 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.9** | < 1.0 | < 1.0 | **4.9** |
| HPT-63 | 11722 Belden ROW | 12-15 | 11/15/2015 | 1.6 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-63 | 11722 Belden ROW | 16-19 | 11/15/2015 | < 2.0 | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| HPT-63 | 11722 Belden ROW | 21-24 | 11/15/2015 | < 2.0 | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| HPT-64 | Onsite | 10-13 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-64 | Onsite | 14-17 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-64 | Onsite | 18-21 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | **10.3** |
| HPT-64 | Onsite | 22-25 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-64 | Onsite | 29-32 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-65 | Onsite | 9-12 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-65 | Onsite | 15-18 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | 1.4 J |
| HPT-65 | Onsite | 19-22 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-66 | Onsite | 9-12 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | 1.6 J |
| HPT-66 | Onsite | 13-16 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | **8.2** |
| HPT-66 | Onsite | 17-20 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-66 | Onsite | 19-22 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |

See Notes on Last Page.

**Table 1**
**Groundwater HPT and VAP Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | | | | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride | 1,1,1-Trichloroethane | Dichloroethene[1] | Vinyl chloride + 1,2-Dichloroethane[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Units: | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EGLE Part 201 Residential Drinking Water (DW): | | | | 7.2 (II) | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) | 200 (A) | 70 (A) | 2.0 (A) |
| EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI): | | | | 280 | 130 | 620 | 60 | 1,500 | 200 | 13 | 89 | 620 | 13 |
| Site-Specific Residential VIAC (GWIC): | | | | 1,900 | 18 | 3.4 | 1.5 | 13 | 1.0 | 1.0 | -- | 3.4 | 1.0 |
| EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level: | | | | 1,900 ca | 18 nc | 3.4 nc | 1.5 (FF) st | 16 nc | 1.0 (M); 0.073 (DD) dev | 1.0 (M); 0.12 (MM) mut | 180 (FF) st | 18 nc | 1.0 (M); 0.12 (MM) mut |
| Location ID: | Property Location: | Screen Interval (ft bgs): | Sample Date: | | | | | | | | | | |
| HPT-66 | Onsite | 28-31 | 11/4/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-67 | Onsite | 9-12 | 11/10/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-67 | Onsite | 13-16 | 11/10/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-67 | Onsite | 16-19 | 11/10/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-67 | Onsite | 20-23 | 11/10/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-70 | Onsite | 11-14 | 11/11/2015 | < 2.0 | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-70 | Onsite | 15-18 | 11/11/2015 | < 2.0 | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-70 | Onsite | 19-22 | 11/11/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-70 | Onsite | 24-27 | 11/11/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-71 | Onsite | 12-15 | 11/11/2015 | 0.57 J | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-71 | Onsite | 17-20 | 11/11/2015 | 1.7 J | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-71 | Onsite | 20-23 | 11/11/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-71 | Onsite | 25-28 | 11/11/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-72 | Onsite | 10-13 | 11/10/2015 | 0.95 J | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-72 | Onsite | 14-17 | 11/10/2015 | 4.1 | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-72 | Onsite | 19-22 | 11/10/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-73 | Onsite | 10-13 | 11/10/2015 | 0.71 J | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-73 | Onsite | 15-18 | 11/10/2015 | 0.81 J | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-73 | Onsite | 21-24 | 11/10/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-74 | Onsite | 10-13 | 11/10/2015 | 0.65 J | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-74 | Onsite | 13-16 | 11/10/2015 | 0.84 J | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | 1.4 J | **4.3** |
| HPT-74 | Onsite | 17-20 | 11/10/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-74 | Onsite | 25-28 | 11/10/2015 | NA | NA | NA | NA | NA | < 2.0 | NA | < 2.0 | < 2.0 | < 2.0 |
| HPT-75 | 34433 Rosati ROW | 4-7 | 2/17/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-75 | 34433 Rosati ROW | 7-10 | 2/17/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.92 J | < 1.0 | < 1.0 | 0.92 J |
| HPT-75 | 34433 Rosati ROW | 10-13 | 2/17/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 2.0 | < 1.0 | < 1.0 | 2.0 |
| HPT-76 | 11608 Boston Post ROW | 6-9 | 2/17/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-76 | 11608 Boston Post ROW | 10-13 | 2/17/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-77 | 12182 Belden ROW | 7-10 | 2/16/2016 | < 3.0 | < 1.0 | 0.58 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.58 J | < 1.0 |
| HPT-77 | 12182 Belden ROW | 11-14 | 2/16/2016 | < 3.0 | < 1.0 | 2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 2 | < 1.0 |
| HPT-77 | 12182 Belden ROW | 14.5-17.5 | 2/16/2016 | 4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.0** | < 1.0 | < 1.0 | **4.0** |
| HPT-77 | 12182 Belden ROW | 19-22 | 2/16/2016 | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.60 J | < 1.0 | < 1.0 | 0.60 J |
| HPT-78 | 11898 Belden ROW | 7-10 | 2/15/2016 | < 3.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-78 | 11898 Belden ROW | 10-13 | 2/15/2016 | < 3.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-78 | 11898 Belden ROW | 13-16 | 2/15/2016 | 3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 2.0 | < 1.0 | < 1.0 | 2.0 |
| HPT-78 | 11898 Belden ROW | 17-20 | 2/15/2016 | 6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 2.0 | < 1.0 | < 1.0 | 2.0 |
| HPT-79 | 11722 Belden ROW | 8-11 | 2/16/2016 | < 3.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.45 J | < 1.0 | < 1.0 | 0.45 J |
| HPT-79 | 11722 Belden ROW | 12-16 | 2/16/2016 | 5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 | < 1.0 | < 1.0 | 1.0 |
| HPT-79 | 11722 Belden ROW | 17-20 | 2/16/2016 | 3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-79 | 11722 Belden ROW | 27-30 | 2/16/2016 | < 3.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-80 | Boston Post | 3-6 | 2/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-80 | Boston Post | 7-10 | 2/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.49 J | < 1.0 | < 1.0 | 0.49 J |
| HPT-80 | Boston Post | 12-15 | 2/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **9.0** | < 1.0 | < 1.0 | **9.0** |
| HPT-80 | Boston Post | 23-26 | 2/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-81 | Boston Post | 6-9 | 2/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-81 | Boston Post | 9-12 | 2/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.79 J | < 1.0 | < 1.0 | 0.79 J |
| HPT-81 | Boston Post | 12-15 | 2/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-81 | Boston Post | 17-20 | 2/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-82 | Boston Post | 6-9 | 2/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-82 | Boston Post | 10-13 | 2/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 | < 1.0 | < 1.0 | 1.0 |
| HPT-82 | Boston Post | 15-18 | 2/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.45 J | < 1.0 | < 1.0 | 0.45 J |
| HPT-83 | Beacon | 6-9 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-83 | Beacon | 10-13 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.35 J | < 1.0 | < 1.0 | 0.35 J |
| HPT-83 | Beacon | 13-16 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | | | | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride | 1,1,1-Trichloroethane | Dichloroethene[1] | Vinyl chloride + 1,2-Dichloroethane[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Units: | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EGLE Part 201 Residential Drinking Water (DW): | | | | 7.2 (II) | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) | 200 (A) | 70 (A) | 2.0 (A) |
| EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI): | | | | 280 | 130 | 620 | 60 | 1,500 | 200 | 13 | 89 | 620 | 13 |
| Site-Specific Residential VIAC (GWIC): | | | | 1,900 | 18 | 3.4 | 1.5 | 13 | 1.0 | 1.0 | -- | 3.4 | 1.0 |
| EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level: | | | | 1,900 ca | 18 nc | 3.4 nc | 1.5 (FF) st | 16 nc | 1.0 (M); 0.073 (DD) dev | 1.0 (M); 0.12 (MM) mut | 180 (FF) st | 18 nc | 1.0 (M); 0.12 (MM) mut |
| Location ID: | Property Location: | Screen Interval (ft bgs): | Sample Date: | | | | | | | | | | |
| HPT-84 | Beacon | 6-9 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-84 | Beacon | 9-12 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-84 | Beacon | 13-15 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-85 | Beacon | 7-10 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-85 | Beacon | 10-13 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-85 | Beacon | 13-16 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-85 | Beacon | 17-20 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-86 | Beacon | 5-8 | 2/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-86 | Beacon | 9-12 | 2/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-86 | Beacon | 12-15 | 2/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-86 | Beacon | 17-20 | 2/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-87 | Boston Post | 6-9 | 2/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-87 | Boston Post | 10-13 | 2/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-87 | Boston Post | 13.5-16.5 | 2/11/2016 | NA | < 1.0 | 0.48 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.48 J | < 1.0 |
| HPT-88 | 11961 Boston Post ROW | 7-10 | 2/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-88 | 11961 Boston Post ROW | 11-14 | 2/11/2016 | NA | < 1.0 | 0.40 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.40 J | < 1.0 |
| HPT-88 | 11961 Boston Post ROW | 15-18 | 2/11/2016 | NA | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| HPT-88 | 11961 Boston Post ROW | 15-18 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-89 | 11921 Boston Post ROW | 7-10 | 2/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-89 | 11921 Boston Post ROW | 11-14 | 2/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-89 | 11921 Boston Post ROW | 16-19 | 2/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-90 | 11865 Boston Post (Wadsworth ROW) | 7-10 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-90 | 11865 Boston Post (Wadsworth ROW) | 10-13 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-90 | 11865 Boston Post (Wadsworth ROW) | 14-17 | 2/12/2016 | NA | < 1.0 | 0.66 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.66 J | < 1.0 |
| HPT-91 | 34851 Wadsworth ROW | 9-12 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-91 | 34851 Wadsworth ROW | 13-16 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-91 | 34851 Wadsworth ROW | 17-20 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-92 | 34891 Wadsworth ROW | 9-12 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.36 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-92 | 34891 Wadsworth ROW | 14-17 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-92 | 34891 Wadsworth ROW | 20-23 | 2/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-93 | 34935 Wadsworth ROW | 7-10 | 2/15/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-93 | 34935 Wadsworth ROW | 10-13 | 2/15/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-93 | 34935 Wadsworth ROW | 14-17 | 2/15/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-93 | 34935 Wadsworth ROW | 18-21 | 2/15/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-94 | 34965 Wadsworth ROW | 7-10 | 2/15/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-94 | 34965 Wadsworth ROW | 12-15 | 2/15/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-94 | 34965 Wadsworth ROW | 18-21 | 2/15/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-95 | Onsite | 11-14 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-95 | Onsite | 14-17 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-95 | Onsite | 17-20 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-96 | 35000 Plymouth | 5-8 | 2/15/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-96 | 35000 Plymouth | 8-11 | 2/15/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-96 | 35000 Plymouth | 11-14 | 2/15/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-96 | 35000 Plymouth | 15-18 | 2/15/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-97 | 35000 Plymouth | 8-11 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-97 | 35000 Plymouth | 13-16 | 2/16/2016 | NA | < 1.0 | 0.39 J | < 1.0 | < 1.0 | < 1.0 | 1.0 | < 1.0 | 0.39 J | 1.0 |
| HPT-97 | 35000 Plymouth | 16-19 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.0** | < 1.0 | < 1.0 | **3.0** |
| HPT-97 | 35000 Plymouth | 19-22 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-98 | 35000 Plymouth | 8-11 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-98 | 35000 Plymouth | 15-18 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-98 | 35000 Plymouth | 24-27 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-99 | 35000 Plymouth | 9-12 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-99 | 35000 Plymouth | 15-18 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-99 | 35000 Plymouth | 19-22 | 2/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 1**
**Groundwater HPT and VAP Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | | | | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride | 1,1,1-Trichloroethane | Dichloroethene[1] | Vinyl chloride + 1,2-Dichloroethane[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Units: | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EGLE Part 201 Residential Drinking Water (DW): | | | | 7.2 (II) | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) | 200 (A) | 70 (A) | 2.0 (A) |
| EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI): | | | | 280 | 130 | 620 | 60 | 1,500 | 200 | 13 | 89 | 620 | 13 |
| Site-Specific Residential VIAC (GWIC): | | | | 1,900 | 18 | 3.4 | 1.5 | 13 | 1.0 | 1.0 | -- | 3.4 | 1.0 |
| EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level: | | | | 1,900 ca | 18 nc | 3.4 nc | 1.5 (FF) st | 16 nc | 1.0 (M); 0.073 (DD) dev | 1.0 (M); 0.12 (MM) mut | 180 (FF) st | 18 nc | 1.0 (M); 0.12 (MM) mut |
| Location ID: | Property Location: | Screen Interval (ft bgs): | Sample Date: | | | | | | | | | | |
| HPT-100 | 34400 Rosati ROW | 4-7 | 5/9/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-100 | 34400 Rosati ROW | 8-11 | 5/9/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-100 | 34400 Rosati ROW | 12-15 | 5/9/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.5** | < 1.0 | < 1.0 | **2.5** |
| HPT-100 | 34400 Rosati ROW | 21-24 | 5/9/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-101 | 34410 Rosati ROW | 5-8 | 5/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-101 | 34410 Rosati ROW | 9-12 | 5/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 | < 1.0 | < 1.0 | 1.5 |
| HPT-101 | 34410 Rosati ROW | 16-19 | 5/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-102 | 34414 Rosati ROW | 5-8 | 5/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-102 | 34414 Rosati ROW | 9-12 | 5/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.39 J | < 1.0 | < 1.0 | 0.39 J |
| HPT-103 | 34414 Rosati ROW | 5-8 | 5/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-103 | 34414 Rosati ROW | 8-11 | 5/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 | < 1.0 | < 1.0 | 1.7 |
| HPT-103 | 34414 Rosati ROW | 12-15 | 5/10/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 | < 1.0 | < 1.0 | 1.9 |
| HPT-104 | 34437 Rosati | 2-5 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-104 | 34437 Rosati | 6-9 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-104 | 34437 Rosati | 11-14 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.35 J | < 1.0 | < 1.0 | 0.35 J |
| HPT-104 | 34437 Rosati | 24-27 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-105 | Woods between Rosati and Beacon | 2-5 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-105 | Woods between Rosati and Beacon | 6-9 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.73 J | < 1.0 | < 1.0 | 0.73 J |
| HPT-105 | Woods between Rosati and Beacon | 11-14 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.59 J | < 1.0 | < 1.0 | 0.59 J |
| HPT-105 | Woods between Rosati and Beacon | 20-23 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-106 | Woods between Rosati and Beacon | 3-6 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 | < 1.0 | < 1.0 | 1.1 |
| HPT-106 | Woods between Rosati and Beacon | 7-10 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.0** | < 1.0 | < 1.0 | **4.0** |
| HPT-106 | Woods between Rosati and Beacon | 11-14 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **6.9** | < 1.0 | < 1.0 | **6.9** |
| HPT-106 | Woods between Rosati and Beacon | 15-18 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-107 | Woods between Rosati and Beacon | 4-7 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.45 J | < 1.0 | < 1.0 | 0.45 J |
| HPT-107 | Woods between Rosati and Beacon | 8-11 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 | < 1.0 | < 1.0 | 1.6 |
| HPT-107 | Woods between Rosati and Beacon | 12-15 | 5/11/2016 | NA | < 1.0 | 0.54 J | < 1.0 | < 1.0 | < 1.0 | **6.2** | < 1.0 | 0.54 J | **6.2** |
| HPT-108 | Woods between Rosati and Beacon | 4-7 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.44 J | < 1.0 | < 1.0 | 0.44 J |
| HPT-108 | Woods between Rosati and Beacon | 8-11 | 5/11/2016 | NA | < 1.0 | 0.62 J | < 1.0 | < 1.0 | < 1.0 | **8.4** | < 1.0 | 0.62 J | **8.4** |
| HPT-108 | Woods between Rosati and Beacon | 12-15 | 5/11/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **6.4** | < 1.0 | < 1.0 | **6.4** |
| HPT-109 | Woods between Rosati and Beacon | 5-8 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-109 | Woods between Rosati and Beacon | 9.5-12.5 | 5/12/2016 | NA | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | 0.99 J | < 1.0 | 1.1 | 0.99 J |
| HPT-109 | Woods between Rosati and Beacon | 13-16 | 5/12/2016 | NA | < 1.0 | 0.34 J | < 1.0 | < 1.0 | < 1.0 | 1.0 | < 1.0 | 0.34 J | 1.0 |
| HPT-110 | 34950 Beacon | 5-8 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-110 | 34950 Beacon | 9-12 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-110 | 34950 Beacon | 13-16 | 5/12/2016 | NA | < 1.0 | 0.30 J | < 1.0 | < 1.0 | < 1.0 | 0.75 J | < 1.0 | 0.30 J | 0.75 J |
| HPT-111 | 34891 Wadsworth | 7-10 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-111 | 34891 Wadsworth | 11-14 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.48 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-111 | 34891 Wadsworth | 16-19 | 5/12/2016 | NA | < 1.0 | 0.66 J | < 1.0 | < 1.0 | < 1.0 | **4.0** | < 1.0 | 0.66 J | **4.0** |
| HPT-112 | 34934 Standish ROW | 10-13 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-112 | 34934 Standish ROW | 14-17 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-112 | 34934 Standish ROW | 18-21 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-113 | 34850 Standish ROW | 10-13 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-113 | 34850 Standish ROW | 14-17 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-113 | 34850 Standish ROW | 18-21 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-114 | 34850 Standish | 10-13 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-114 | 34850 Standish | 14-17 | 5/12/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-114 | 34850 Standish | 18-21 | 5/12/2016 | NA | < 1.0 | 0.81 J | < 1.0 | < 1.0 | < 1.0 | 0.40 J | < 1.0 | 0.81 J | 0.40 J |
| HPT-115 | 11864 Belden ROW | 6-9 | 5/13/2016 | 0.37 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-115 | 11864 Belden ROW | 10-13 | 5/13/2016 | 0.68 J | < 1.0 | 0.74 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.74 J | < 1.0 |
| HPT-115 | 11864 Belden ROW | 14-17 | 5/13/2016 | 1.9 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-116 | Woods between Rosati and Beacon | 3-6 | 5/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.38 J | < 1.0 | < 1.0 | 0.38 J |
| HPT-116 | Woods between Rosati and Beacon | 6-9 | 5/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.1** | < 1.0 | < 1.0 | **2.1** |
| HPT-116 | Woods between Rosati and Beacon | 9-12 | 5/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **5.9** | < 1.0 | < 1.0 | **5.9** |

See Notes on Last Page.

**Table 1**
**Groundwater HPT and VAP Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | | | | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride | 1,1,1-Trichloroethane | Dichloroethene[1] | Vinyl chloride + 1,2-Dichloroethane[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Units: | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EGLE Part 201 Residential Drinking Water (DW): | | | | 7.2 (II) | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) | 200 (A) | 70 (A) | 2.0 (A) |
| EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI): | | | | 280 | 130 | 620 | 60 | 1,500 | 200 | 13 | 89 | 620 | 13 |
| Site-Specific Residential VIAC (GWIC): | | | | 1,900 | 18 | 3.4 | 1.5 | 13 | 1.0 | 1.0 | -- | 3.4 | 1.0 |
| EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level: | | | | 1,900 ca | 18 nc | 3.4 nc | 1.5 (FF) st | 16 nc | 1.0 (M); 0.073 (DD) dev | 1.0 (M); 0.12 (MM) mut | 180 (FF) st | 18 nc | 1.0 (M); 0.12 (MM) mut |
| Location ID: | Property Location: | Screen Interval (ft bgs): | Sample Date: | | | | | | | | | | |
| HPT-117 | Woods between Rosati and Beacon | 3-6 | 5/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.72 J | < 1.0 | < 1.0 | 0.72 J |
| HPT-117 | Woods between Rosati and Beacon | 4-7 | 5/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 | < 1.0 | < 1.0 | 1.8 |
| HPT-117 | Woods between Rosati and Beacon | 8-11 | 5/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **5.6** | < 1.0 | < 1.0 | **5.6** |
| HPT-118 | Woods between Rosati and Beacon | 4-7 | 5/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.72 J | < 1.0 | < 1.0 | 0.72 J |
| HPT-118 | Woods between Rosati and Beacon | 8-11 | 5/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.6** | < 1.0 | < 1.0 | **3.6** |
| HPT-118 | Woods between Rosati and Beacon | 12-15 | 5/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **5.9** | < 1.0 | < 1.0 | **5.9** |
| HPT-119 | Woods between Rosati and Beacon | 3-6 | 5/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-119 | Woods between Rosati and Beacon | 6-9 | 5/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.59 J | < 1.0 | < 1.0 | 0.59 J |
| HPT-119 | Woods between Rosati and Beacon | 9-12 | 5/16/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.3** | < 1.0 | < 1.0 | **4.3** |
| HPT-131 | 12188 Stark ROW | 7-10 | 7/19/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-131 | 12188 Stark ROW | 11-14 | 7/19/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-132 | 12146 Stark ROW | 8-11 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-132 | 12146 Stark ROW | 11-14 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-133 | 12124 Stark ROW | 8.5-11.5 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-133 | 12124 Stark ROW | 12.5-15.5 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-134 | 12086 Stark ROW | 9-12 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-134 | 12086 Stark ROW | 13-16 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-134 | 12086 Stark ROW | 17.5-20.5 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-134 | 12086 Stark ROW | 21-24 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-134 | 12086 Stark ROW | 26-29 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-135 | 12068 Stark ROW | 8-11 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-135 | 12068 Stark ROW | 11-14 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-135 | 12068 Stark ROW | 16-19 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-136 | 12050 Stark ROW | 8-11 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-136 | 12050 Stark ROW | 11-14 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-137 | 12032 Stark ROW | 8-11 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-137 | 12032 Stark ROW | 11-14 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-137 | 12032 Stark ROW | 17-20 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-138 | 12000 Stark ROW | 9-12 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-138 | 12000 Stark ROW | 13-16 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-139 | 11850 Boston Post ROW | 7-10 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-139 | 11850 Boston Post ROW | 11-14 | 7/20/2016 | NA | < 1.0 | 0.47 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.47 J | < 1.0 |
| HPT-139 | 11850 Boston Post ROW | 15-18 | 7/20/2016 | NA | < 1.0 | 0.49 J | < 1.0 | < 1.0 | < 1.0 | 0.83 J | < 1.0 | 0.49 J | 0.83 J |
| HPT-140 | 11850 Boston Post ROW | 7-10 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-140 | 11850 Boston Post ROW | 11-14 | 7/20/2016 | NA | < 1.0 | 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.56 J | < 1.0 | 1 | 0.56 J |
| HPT-140 | 11850 Boston Post ROW | 15.5-18.5 | 7/20/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-141 | 11710 Boston Post ROW | 7-10 | 7/21/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-141 | 11710 Boston Post ROW | 11-14 | 7/21/2016 | NA | < 1.0 | 1.4 | < 1.0 | < 1.0 | < 1.0 | 1.0 | < 1.0 | 1.4 | 1.0 |
| HPT-142 | 11850 Boston Post ROW | 7-10 | 7/21/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-142 | 11850 Boston Post ROW | 11-14 | 7/21/2016 | NA | < 1.0 | 0.92 J | < 1.0 | < 1.0 | < 1.0 | 0.61 J | < 1.0 | 0.92 J | 0.61 J |
| HPT-143 | Rosati ROW (12331 Stark) | 6-9 | 7/21/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-143 | Rosati ROW (12331 Stark) | 11-14 | 7/21/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-144 | Rosati ROW (12331 Stark) | 6-9 | 7/21/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-144 | Rosati ROW (12331 Stark) | 11-14 | 7/21/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-145 | 12088 Brewster ROW | 5-8 | 8/1/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** | < 1.0 | < 1.0 | **2.2** |
| HPT-145 | 12088 Brewster ROW | 9-12 | 8/1/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.9** | < 1.0 | < 1.0 | **2.9** |
| HPT-146 | 34410 Rosati | 8-11 | 7/21/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-147 | 34418 Rosati | 8-11 | 7/22/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-147 | 34418 Rosati | 12-15 | 7/22/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-147 | 34418 Rosati | 16-19 | 7/22/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-148 | 34422 Rosati | 6-9 | 7/22/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.47 J | < 1.0 | < 1.0 | 0.47 J |
| HPT-148 | 34422 Rosati | 9-12 | 7/22/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-148 | 34422 Rosati | 13-16 | 7/22/2016 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-149 | 34430 Rosati | 5-8 | 8/1/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.37 J | < 1.0 | < 1.0 | 0.37 J |

See Notes on Last Page.

**Table 1**
**Groundwater HPT and VAP Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte: | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride | 1,1,1-Trichloroethane | Dichloroethene[1] | Vinyl chloride + 1,2-Dichloroethane[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Units: | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | EGLE Part 201 Residential Drinking Water (DW): | 7.2 (II) | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) | 200 (A) | 70 (A) | 2.0 (A) |
| | | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI): | 280 | 130 | 620 | 60 | 1,500 | 200 | 13 | 89 | 620 | 13 |
| | | Site-Specific Residential VIAC (GWIC): | 1,900 | 18 | 3.4 | 1.5 | 13 | 1.0 | 1.0 | -- | 3.4 | 1.0 |
| | | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level: | 1,900 ca | 18 nc | 3.4 nc | 1.5 (FF) st | 16 nc | 1.0 (M); 0.073 (DD) dev | 1.0 (M); 0.12 (MM) mut | 180 (FF) st | 18 nc | 1.0 (M); 0.12 (MM) mut |
| Location ID: | Property Location: | Screen Interval (ft bgs): | Sample Date: | | | | | | | | | |
| HPT-149 | 34430 Rosati | 9-12 | 8/1/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 | < 1.0 | < 1.0 | 1.2 |
| HPT-149 | 34430 Rosati | 13-16 | 8/1/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-150 | 34430 Rosati | 6-9 | 8/1/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-150 | 34430 Rosati | 10-13 | 8/1/2016 | < 50 | < 1.0 | 0.69 J | < 1.0 | < 1.0 | < 1.0 | **2.3** | < 1.0 | 0.69 J | **2.3** |
| HPT-150 | 34430 Rosati | 20-23 | 8/1/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-151 | 34430 Rosati | 7-10 | 8/1/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-151 | 34430 Rosati | 11-14 | 8/1/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-151 | 34430 Rosati | 15-18 | 8/1/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-152 | 34437 Rosati | 6-9 | 8/1/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-152 | 34437 Rosati | 9-12 | 8/1/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-152 | 34437 Rosati | 12-15 | 8/1/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-152 | 34437 Rosati | 17-20 | 8/1/2016 | < 84 | < 1.7 | < 1.7 | < 1.7 | < 1.7 | < 1.7 | < 1.7 | < 1.7 | < 1.7 | < 1.7 |
| HPT-153 | Onsite | 10.5-13.5 | 7/27/2016 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-153 | Onsite | 15-18 | 7/27/2016 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-153 | Onsite | 19-22 | 7/27/2016 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-154 | Onsite | 15-18 | 7/27/2016 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-154 | Onsite | 19-22 | 7/27/2016 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-155 | Onsite | 15-18 | 7/27/2016 | < 2.0 | < 1.0 | 1.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 | < 1.0 |
| HPT-155 | Onsite | 18-21 | 7/27/2016 | < 2.0 | < 1.0 | 2.8 | < 1.0 | < 1.0 | < 1.0 | 1.9 | < 1.0 | 2.8 | 1.9 |
| HPT-156 | Onsite | 12.5-15.5 | 7/27/2016 | < 2.0 | < 1.0 | 0.72 J | < 1.0 | < 1.0 | < 1.0 | 0.29 J | < 1.0 | 0.72 J | 0.29 J |
| HPT-156 | Onsite | 16-19 | 7/27/2016 | < 2.0 | < 1.0 | 0.89 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.89 J | < 1.0 |
| HPT-156 | Onsite | 26-29 | 7/27/2016 | 0.43 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.86 J | < 1.0 | < 1.0 | 0.86 J |
| HPT-157 | Onsite | 13-16 | 7/27/2016 | 0.93 J | < 1.0 | 0.72 J | < 1.0 | < 1.0 | < 1.0 | 1.6 | < 1.0 | 0.72 J | 1.6 |
| HPT-157 | Onsite | 17-20 | 7/27/2016 | 4 | < 1.0 | 0.26 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.26 J | < 1.0 |
| HPT-157 | Onsite | 25-28 | 7/27/2016 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-158 | Onsite | 15-18 | 7/27/2016 | **11** | < 1.0 | 4.4 | < 1.0 | < 1.0 | 1.0 | **14** | < 1.0 | 4.4 | **14** |
| HPT-158 | Onsite | 19-22 | 7/27/2016 | **75** | < 1.0 | 0.46 J | < 1.0 | < 1.0 | < 1.0 | **2.8** | < 1.0 | 0.46 J | **2.8** |
| HPT-159 | Onsite | 9-12 | 7/28/2016 | 7.1 | < 1.0 | 8.3 | < 1.0 | 0.86 J | < 1.0 | **11** | < 1.0 | 8.3 | **11** |
| HPT-159 | Onsite | 19-22 | 7/28/2016 | **54** | < 13 | 17 | < 13 | < 13 | < 13 | **190** | < 13 | 17 | **190** |
| HPT-160 | Onsite | 11-14 | 7/28/2016 | 5.1 | < 1.0 | 2.9 | < 1.0 | 0.42 J | < 1.0 | **9.0** | < 1.0 | 2.9 | **9.0** |
| HPT-160 | Onsite | 15-18 | 7/28/2016 | 5.6 | < 1.7 | 29 | < 1.7 | 4.5 | < 1.7 | **45** | < 1.7 | 29 | **45** |
| HPT-160 | Onsite | 19-22 | 7/28/2016 | **100** | < 10 | 15 | < 10 | < 10 | < 10 | **140** | < 10 | 15 | **140** |
| HPT-161 | Onsite | 10-13 | 7/28/2016 | 0.68 J | < 1.0 | 6.0 | < 1.0 | 0.92 J | < 1.0 | **5.4** | < 1.0 | 6.0 | **5.4** |
| HPT-161 | Onsite | 15-18 | 7/28/2016 | **10** | < 6.7 | 32 | < 6.7 | 3.6 J | < 6.7 | **93** | < 6.7 | 32 | **93** |
| HPT-161 | Onsite | 19-22 | 7/28/2016 | **130** | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | **70** | < 5.0 | < 5.0 | **70** |
| HPT-162 | Onsite | 7-10 | 7/28/2016 | 1.1 J | < 1.0 | 9.1 | < 1.0 | 1.2 | 1.0 | 1.3 | 0.75 J | 9.1 | 1.3 |
| HPT-162 | Onsite | 12-15 | 7/28/2016 | **12** | 0.51 J | 3.7 | < 1.0 | 0.48 J | < 1.0 | **9.5** | < 1.0 | 3.7 | **9.5** |
| HPT-162 | Onsite | 17-20 | 7/28/2016 | **36** | < 13 | 4.0 J | < 13 | < 13 | < 13 | **180** | < 13 | 4.0 J | **180** |
| HPT-162 | Onsite | 21-24 | 7/28/2016 | **190** | < 1.7 | < 1.7 | < 1.7 | < 1.7 | < 1.7 | **24** | < 1.7 | < 1.7 | **24** |
| HPT-163 | Onsite | 9-12 | 7/28/2016 | **10** | < 1.0 | 3.7 | < 1.0 | 0.52 J | < 1.0 | **13** | < 1.0 | 3.7 | **13** |
| HPT-163 | Onsite | 19-22 | 7/28/2016 | **73** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **9.9** | < 1.0 | < 1.0 | **9.9** |
| HPT-164 | Onsite | 9-12 | 7/29/2016 | < 2.0 | < 1.0 | 15 | < 1.0 | 1.8 | < 1.0 | 0.61 J | < 1.0 | 15 | 0.61 J |
| HPT-164 | Onsite | 13-16 | 7/29/2016 | < 2.0 | < 1.0 | 27 | < 1.0 | 4 | < 1.0 | 1.3 | < 1.0 | 27 | 1.3 |
| HPT-165 | Onsite | 9-12 | 7/29/2016 | 0.90 J | < 1.0 | 8.7 | < 1.0 | 0.49 J | **6.3** | **3.3** | < 1.0 | 8.7 | **3.3** |
| HPT-165 | Onsite | 15-18 | 7/29/2016 | 3.1 | < 1.0 | 21 | < 1.0 | 1.5 | 4.5 | **4.5** | < 1.0 | 21 | **4.5** |
| HPT-165 | Onsite | 20-23 | 7/29/2016 | **21** | < 1.0 | 0.81 J | < 1.0 | < 1.0 | < 1.0 | **7.3** | < 1.0 | 0.81 J | **7.3** |
| HPT-166 | Onsite | 9-12 | 7/29/2016 | 1.4 J | < 1.0 | 12 | < 1.0 | < 1.0 | **25** | 0.71 J | 0.48 J | 12 | 0.71 J |
| HPT-166 | Onsite | 14-17 | 7/29/2016 | 2.5 | < 1.0 | 27 | < 1.0 | < 1.0 | **6** | 1.6 | < 1.0 | 27 | 1.6 |
| HPT-166 | Onsite | 19-22 | 7/29/2016 | **17** | < 1.0 | 21 | < 1.0 | 0.30 J | < 1.0 | **12** | < 1.0 | 21 | **12** |
| HPT-168 | 34591 Beacon ROW | 5-8 | 7/29/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-168 | 34591 Beacon ROW | 9-12 | 7/29/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-168 | 34591 Beacon ROW | 13-16 | 7/29/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-169 | 12017 Brewster (Beacon ROW) | 5-8 | 7/29/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| HPT-169 | 12017 Brewster (Beacon ROW) | 9-12 | 7/29/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 1**
**Groundwater HPT and VAP Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte: | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride | 1,1,1-Trichloroethane | Dichloroethene[1] | Vinyl chloride + 1,2-Dichloroethane[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Units: | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | EGLE Part 201 Residential Drinking Water (DW): | 7.2 (II) | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) | 200 (A) | 70 (A) | 2.0 (A) |
| | | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI): | 280 | 130 | 620 | 60 | 1,500 | 200 | 13 | 89 | 620 | 13 |
| | | Site-Specific Residential VIAC (GWIC): | 1,900 | 18 | 3.4 | 1.5 | 13 | 1.0 | 1.0 | -- | 3.4 | 1.0 |
| | | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level: | 1,900 ca | 18 nc | 3.4 nc | 1.5 (FF) st | 16 nc | 1.0 (M); 0.073 (DD) dev | 1.0 (M); 0.12 (MM) mut | 180 (FF) st | 18 nc | 1.0 (M); 0.12 (MM) mut |
| Location ID: | Property Location: | Screen Interval (ft bgs): | Sample Date: | | | | | | | | | |
| HPT-170 | 12107 Brewster ROW | 5-8 | 7/29/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 | < 1.0 | < 1.0 | 1.9 |
| HPT-170 | 12107 Brewster ROW | 9-12 | 7/29/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.1** | < 1.0 | < 1.0 | **2.1** |
| HPT-171 | 12088 Brewster ROW | 8-11 | 8/1/2016 | < 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.7** | < 1.0 | < 1.0 | **2.7** |
| HPT-172 | Onsite | 9-12 | 9/27/2016 | 0.47 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.3 | <1.0 | <1.0 | 1.3 |
| HPT-172 | Onsite | 12-15 | 9/27/2016 | 0.94 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.2** | <1.0 | <1.0 | **2.2** |
| HPT-172 | Onsite | 16-19 | 9/27/2016 | 0.28 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.3** | <1.0 | <1.0 | **2.3** |
| HPT-172 | Onsite | 20-23 | 9/27/2016 | **14** | <1.8 | <1.8 | <1.8 | <1.8 | <1.8 | **17** | <1.8 | <1.8 | **17** |
| HPT-173 | Onsite | 9-12 | 9/27/2016 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.5** | <1.0 | <1.0 | **2.5** |
| HPT-173 | Onsite | 13-16 | 9/27/2016 | 1.1 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.3** | <1.0 | <1.0 | **3.3** |
| HPT-173 | Onsite | 16-19 | 9/27/2016 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.3** | <1.0 | <1.0 | **2.3** |
| HPT-173 | Onsite | 20-23 | 9/27/2016 | 6.7 | <1.8 | <1.8 | <1.8 | <1.8 | <1.8 | **22** | <1.8 | <1.8 | **22** |
| HPT-174 | Onsite | 9-12 | 9/28/2016 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **6.0** | < 1.0 | < 1.0 | **6.0** |
| HPT-174 | Onsite | 14-17 | 9/28/2016 | < 2.0 | < 1.0 | 1.6 | < 1.0 | < 1.0 | < 1.0 | **5.2** | < 1.0 | 1.6 | **5.2** |
| HPT-174 | Onsite | 19-22 | 9/28/2016 | 4.4 | < 2.5 | 0.74 J | < 2.5 | < 2.5 | < 2.5 | **63** | < 2.5 | 0.74 J | **63.0** |
| HPT-175 | Onsite | 8-11 | 9/28/2016 | < 2.0 | < 1.0 | 0.36 J | < 1.0 | < 1.0 | < 1.0 | **2.9** | < 1.0 | 0.36 J | **2.9** |
| HPT-175 | Onsite | 14-17 | 9/28/2016 | 0.91 J | < 1.0 | 2.5 | < 1.0 | < 1.0 | < 1.0 | **28** | < 1.0 | 2.5 | **28** |
| HPT-175 | Onsite | 21-24 | 9/28/2016 | **9.9** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **40** | < 1.0 | < 1.0 | **40** |
| HPT-176 | Onsite | 8-11 | 9/28/2016 | < 2.0 | < 1.0 | 4.8 | < 1.0 | 0.33 J | < 1.0 | **18** | < 1.0 | 4.8 | **18** |
| HPT-176 | Onsite | 14-17 | 9/28/2016 | < 2.0 | < 1.0 | 31 | < 1.0 | 3.2 | < 1.0 | **15** | < 1.0 | 31 | **15** |
| HPT-176 | Onsite | 19-22 | 9/28/2016 | 1.7 J | < 5.0 | 8.9 | < 5.0 | < 5.0 | < 5.0 | **110** | < 5.0 | 8.9 | **110** |
| HPT-177 | Onsite | 8-11 | 9/28/2016 | < 2.0 | < 1.0 | 1.3 | < 1.0 | < 1.0 | < 1.0 | **10** | < 1.0 | 1.3 | **10** |
| HPT-177 | Onsite | 13-16 | 9/28/2016 | < 2.0 | < 1.0 | 15 | < 1.0 | 0.32 J | < 1.0 | **35** | < 1.0 | 15 | **35** |
| HPT-177 | Onsite | 17-20 | 9/28/2016 | 1.6 J | < 6.7 | 5.9 J | < 6.7 | < 6.7 | < 6.7 | **150** | < 6.7 | 5.9 J | **150** |
| HPT-178 | Onsite | 8-11 | 9/28/2016 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.0** | < 1.0 | < 1.0 | **4.0** |
| HPT-178 | Onsite | 12-15 | 9/28/2016 | < 2.0 | < 1.0 | 2.7 | < 1.0 | < 1.0 | < 1.0 | **14** | < 1.0 | 2.7 | **14** |
| HPT-178 | Onsite | 16-19 | 9/28/2016 | 1.3 J | < 4.0 | 2.0 J | < 4.0 | < 4.0 | < 4.0 | **110** | < 4.0 | 2.0 J | **110** |
| HPT-179 | Onsite | 7-10 | 9/28/2016 | 0.44 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **7.9** | < 1.0 | < 1.0 | **7.9** |
| HPT-179 | Onsite | 11-14 | 9/28/2016 | 0.70 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.5** | < 1.0 | < 1.0 | **4.5** |
| HPT-179 | Onsite | 16-19 | 9/28/2016 | **10** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 | < 1.0 | < 1.0 | 1.1 |
| HPT-192 | Onsite | 8-12 | 11/15/2018 | 1.2 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | 0.50 J | NA | < 1.0 J | 0.50 J |
| HPT-192 | Onsite | 13-17 | 11/15/2018 | 3.3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-192 | Onsite | 18-22 | 11/15/2018 | 3.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-193 | Onsite | 9-13 | 11/15/2018 | < 2.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | NA | < 1.0 J | < 1.0 J |
| HPT-193 | Onsite | 14-18 | 11/15/2018 | < 2.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-193 | Onsite | 19-23 | 11/15/2018 | 4.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.2** | NA | < 1.0 | **3.2** |
| HPT-194 | 12321 Stark | 6-10 | 11/12/2018 | < 2.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-195 | 12335 Stark | 6-10 | 11/12/2018 | < 2.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-195 | 12335 Stark | 11-15 | 11/12/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-196 | 12421 Stark | 5-9 | 11/12/2018 | < 2.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-196 | 12421 Stark | 10-14 | 11/12/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-197 | 12641 Stark | 5-9 | 11/13/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-197 | 12641 Stark | 10-14 | 11/13/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-197 | 12641 Stark | 15-19 | 11/13/2018 | < 2.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-198 | 12641 Stark | 6-10 | 11/13/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-198 | 12641 Stark | 11-15 | 11/13/2018 | < 2.0 J | < 1.0 | 0.38 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 0.38 J | < 1.0 |
| HPT-198 | 12641 Stark | 16-20 | 11/13/2018 | < 2.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | NA | < 1.0 J | < 1.0 J |
| HPT-199 | 12725 Fairlane | 4-6 | 11/14/2018 | < 2.0 | < 1.0 | 0.24 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 0.24 J | < 1.0 |
| HPT-199 | 12725 Fairlane | 9-13 | 11/14/2018 | 0.89 J | < 1.0 | 2.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 2.1 | < 1.0 |
| HPT-199 | 12725 Fairlane | 14-18 | 11/14/2018 | 1.9 J | < 1.0 J | 0.59 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | NA | 0.59 J | < 1.0 J |
| HPT-200 | 12725 Fairlane | 4-8 | 11/14/2018 | < 2.0 | < 1.0 | 0.99 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 0.99 J | < 1.0 |
| HPT-200 | 12725 Fairlane | 9-13 | 11/14/2018 | 1.1 J | < 1.0 | 1.4 | < 1.0 | < 1.0 | < 1.0 | 0.36 J | NA | 1.4 | 0.36 J |
| HPT-200 | 12725 Fairlane | 15-19 | 11/14/2018 | 3.5 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | NA | < 1.0 J | < 1.0 J |
| HPT-201 | 12725 Fairlane | 4-8 | 11/14/2018 | < 2.0 | < 1.0 | 0.84 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 0.84 J | < 1.0 |
| HPT-201 | 12725 Fairlane | 9-13 | 11/14/2018 | 1.4 J | < 1.0 | 0.41 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 0.41 J | < 1.0 |

See Notes on Last Page.

**Table 1**
**Groundwater HPT and VAP Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | | | | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride | 1,1,1-Trichloroethane | Dichloroethene[1] | Vinyl chloride + 1,2-Dichloroethane[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Units: | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EGLE Part 201 Residential Drinking Water (DW): | | | | 7.2 (II) | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) | 200 (A) | 70 (A) | 2.0 (A) |
| EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI): | | | | 280 | 130 | 620 | 60 | 1,500 | 200 | 13 | 89 | 620 | 13 |
| Site-Specific Residential VIAC (GWIC): | | | | 1,900 | 18 | 3.4 | 1.5 | 13 | 1.0 | 1.0 | -- | 3.4 | 1.0 |
| EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level: | | | | 1,900 ca | 18 nc | 3.4 nc | 1.5 (FF) st | 16 nc | 1.0 (M); 0.073 (DD) dev | 1.0 (M); 0.12 (MM) mut | 180 (FF) st | 18 nc | 1.0 (M); 0.12 (MM) mut |
| Location ID: | Property Location: | Screen Interval (ft bgs): | Sample Date: | | | | | | | | | | |
| HPT-201 | 12725 Fairlane | 15-19 | 11/14/2018 | 3.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.28 J | NA | < 1.0 | 0.28 J |
| HPT-202 | Behind 12555 Belden | 9-13 | 11/15/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-202 | Behind 12555 Belden | 14-18 | 11/15/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-202 | Behind 12555 Belden | 19-23 | 11/15/2018 | 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-203 | Onsite | 9-13 | 11/15/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-203 | Onsite | 14-18 | 11/15/2018 | 0.94 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | NA | < 1.0 J | < 1.0 J |
| HPT-203 | Onsite | 19-23 | 11/15/2018 | 3.4 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.90 J | NA | < 1.0 | 0.90 J |
| HPT-204 | 35601 Veronica | 2-6 | 11/26/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.41 J | NA | < 1.0 | 0.41 J |
| HPT-204 | 35601 Veronica | 7-11 | 11/26/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.26 J | NA | < 1.0 | 0.26 J |
| HPT-205 | 35601 Veronica | 2-6 | 11/27/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.29 J | NA | < 1.0 | 0.29 J |
| HPT-205 | 35601 Veronica | 7-11 | 11/27/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.38 J | NA | < 1.0 | 0.38 J |
| HPT-205 | 35601 Veronica | 12-16 | 11/27/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-206 | 35601 Veronica | 2-6 | 11/27/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-206 | 35601 Veronica | 7-11 | 11/27/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-206 | 35601 Veronica | 12-16 | 11/27/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-207 | 35601 Veronica | 3-7 | 11/27/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-207 | 35601 Veronica | 8-12 | 11/27/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-207 | 35601 Veronica | 14-18 | 11/27/2018 | 4.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-208 | 35601 Veronica | 3-7 | 11/27/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-208 | 35601 Veronica | 6-10 | 11/27/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-208 | 35601 Veronica | 11-15 | 11/27/2018 | 1.6 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| HPT-209 | 35015 Glendale | 4-8 | 12/14/2018 | < 2.0 | < 1.0 | 1.9 | < 1.0 | < 1.0 | 0.18 J | < 1.0 | NA | 1.9 | < 1.0 |
| HPT-209 | 35015 Glendale | 9-13 | 12/14/2018 | 1.2 J | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 1.1 | < 1.0 |
| HPT-209 | 35015 Glendale | 14-18 | 12/14/2018 | 4.7 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 1.0 |
| VAP-29 | 34966 Standish | 9-12 | 6/12/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | NA | NA | < 1.0 |
| VAP-29 | 34966 Standish | 14-17 | 6/12/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | NA | NA | < 1.0 |
| VAP-30 | 11775 Boston Post | 6-9 | 6/12/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | NA | NA | < 1.0 |
| VAP-30 | 11775 Boston Post | 11-14 | 6/12/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | NA | NA | < 1.0 |
| VAP-31 | 34935 Wadsworth | 7-10 | 6/12/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | NA | NA | < 1.0 |
| VAP-31 | 34935 Wadsworth | 12-15 | 6/12/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | NA | NA | < 1.0 |
| VAP-32 | 34990 Beacon | 8-11 | 6/13/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | NA | NA | < 1.0 |
| VAP-32 | 34990 Beacon | 13-16 | 6/13/2017 | NA | NA | NA | NA | NA | < 1.0 | 0.53 J | NA | NA | 0.53 J |
| VAP-33 | 34940 Beacon | 7-10 | 6/13/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | NA | NA | < 1.0 |
| VAP-33 | 34940 Beacon | 12-15 | 6/13/2017 | NA | NA | NA | NA | NA | < 1.0 | 0.96 J | NA | NA | 0.96 J |
| VAP-34 | 12089 Boston Post | 7-10 | 6/13/2017 | NA | NA | NA | NA | NA | < 1.0 | 0.89 J | NA | NA | 0.89 J |
| VAP-34 | 12089 Boston Post | 12-15 | 6/13/2017 | NA | NA | NA | NA | NA | < 1.0 | **2.2** | NA | NA | **2.2** |
| VAP-35 | 34965 Wadsworth | 7-10 | 6/14/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | NA | NA | < 1.0 |
| VAP-35 | 34965 Wadsworth | 12-15 | 6/14/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | NA | NA | < 1.0 |
| VAP-36 | 34380 Capitol | 7-10 | 6/14/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | NA | NA | < 1.0 |
| VAP-36 | 34380 Capitol | 12-15 | 6/14/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | NA | NA | < 1.0 |
| VAP-37 | 34450 Beacon | 4-7 | 6/14/2017 | NA | NA | NA | NA | NA | < 1.0 | 1.4 | NA | NA | 1.4 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level | Location: | HPT-09 | HPT-28 | HPT-28 | HPT-28 | HPT-29 | HPT-29 | HPT-29 | HPT-29 | HPT-30 | HPT-30 | HPT-30 | HPT-30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Onsite or Offsite: | Onsite | Offsite | Offsite | Offsite | Offsite | Offsite | Offsite | Offsite | Offsite | Offsite | Offsite | Offsite |
| | | | | | | Screen Interval (ft bgs): | 19-22 | 9-12 | 14-17 | 17-20 | 8-11 | 13-16 | 17-20 | 21-24 | 7-10 | 10-13 | 14-17 | 23-26 |
| | | | | | | Date: | 2/16/2016 | 11/15/2015 | 11/15/2015 | 11/15/2015 | 11/13/2015 | 11/13/2015 | 11/13/2015 | 11/13/2015 | 11/14/2015 | 11/14/2015 | 11/14/2015 | 11/14/2015 |
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | 2.4 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | 840 nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | 1 (M); 0.47 nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | 4.7 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | -- | | <1.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | 5 (M); 3.8 nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | 25 (JT) nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | 0.2 (M); 0.00045 (MM) mut | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | 0.13 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | 370 nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | 1.4 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | 2.6 nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | 18 (JT) nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | 2.6 nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | 5.9 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | 2,600 (DD) dev | | <10.0 | < 10 | < 10 | 0.55 J | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | 0.54 J |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | 200 (FF) st | | <1.0 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | 50,000 (FF) st | | <10.0 | < 10 | < 10 | 4.1 J | < 10 | < 10 | < 10 | 1.7 J | < 10 | < 10 | < 10 | 1.9 J |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | 1.0 ca | | 0.16 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | 1.2 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | 89 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | 5 (M); 2.1 nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | 92 nc | | 0.15 J | < 5.0 | < 5.0 | < 5.0 | 0.76 J | 0.77 J | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | 1 (M); 0.41 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | 22 nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | 13 nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | 33 nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | 5 (M); 0.78 (MM) mut | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | 620 nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | 1 (M); 0.49 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.72 J |
| Chloromethane | µg/L | 260 | ID | -- | 15 nc | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | 3.3 (J) ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | -- | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | 79 (FF) st | | <1.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | 1,200 nc | | <1.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | 2.8 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | 5 (M); 0.60 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | -- | | <1.0 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | 660 nc | | <10.0 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | -- | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | 250 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | 33 ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 300 (FF) st | | 0.47 J | 0.29 J | 0.29 J | 0.29 J | 0.31 J | 0.24 J | < 1.0 | 0.26 J | < 1.0 | 0.31 J | 0.43 J | < 1.0 |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | 75 (J) nc | | <3.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | 3.3 (J) ca | | <1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-56 Offsite 8-11 11/14/2015 | HPT-56 Offsite 12-15 11/14/2015 | HPT-56 Offsite 15-18 11/14/2015 | HPT-57 Offsite 8-11 11/14/2015 | HPT-57 Offsite 12-15 11/14/2015 | HPT-57 Offsite 15-18 11/14/2015 | HPT-58 Offsite 8-11 11/14/2015 | HPT-58 Offsite 14-17 11/14/2015 | HPT-58 Offsite 17-20 11/14/2015 | HPT-59 Offsite 9-12 11/13/2015 | HPT-59 Offsite 12-15 11/13/2015 | HPT-59 Offsite 16-19 11/13/2015 | HPT-59 Offsite 20-23 11/13/2015 | HPT-60 Offsite 9-12 11/15/2015 | HPT-60 Offsite 16-19 11/15/2015 | HPT-60 Offsite 20-23 11/15/2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | 0.43 J | 0.35 J | < 1.0 | 0.36 J | 0.42 J | < 1.0 | 0.38 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | 0.53 J | < 10 | 4.9 J |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | 21 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.45 J |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 5.0 | < 5.0 | 0.45 J | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.66 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | < 1.0 | 0.41 J | 0.38 J | 0.33 J | 0.39 J | 0.34 J | 0.37 J | 0.40 J | 0.24 J | 0.40 J | 0.34 J | < 1.0 | 0.34 J | 0.29 J | < 1.0 | 0.41 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-61 Offsite 8-11 11/15/2015 | HPT-61 Offsite 12-14 11/15/2015 | HPT-61 Offsite 15-18 11/15/2015 | HPT-62 Offsite 7-10 11/14/2015 | HPT-62 Offsite 12-15 11/14/2015 | HPT-62 Offsite 15-18 11/14/2015 | HPT-63 Offsite 7-10 11/15/2015 | HPT-63 Offsite 12-15 11/15/2015 | HPT-63 Offsite 16-19 11/15/2015 | HPT-63 Offsite 21-24 11/15/2015 | HPT-75 Offsite 4-7 2/17/2016 | HPT-75 Offsite 7-10 2/17/2016 | HPT-75 Offsite 10-13 2/17/2016 | HPT-76 Offsite 6-9 42417 | HPT-76 Offsite 10-13 2/17/2016 | HPT-77 Offsite 7-10 2/16/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.31 J |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 J | < 5.0 | < 5.0 | < 5.0 | < 5.0 J | < 5.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | 0.56 J | < 10 | < 10 | < 10 | < 10 J | < 10 | < 10 | < 10 | < 10 J | 0.74 J | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 J | < 10 | < 10 | < 10 | < 10 J | < 10 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| Acetone | µg/L | 730 | 1700 | -- | 3.3 J | < 10 | < 10 | 2.3 J | 1.2 J | 1.9 J | < 10 | < 10 | < 10 J | 4.7 J | < 10 | < 10 | < 10 | < 10 | < 10 | 1.7 J |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | 0.22 J | 0.16 J | < 1.0 | 0.22 J | < 1.0 | 0.23 J |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 J | < 5.0 | < 5.0 | < 5.0 | < 5.0 J | < 5.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 J | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 J | < 5.0 | < 5.0 | < 5.0 | < 5.0 J | < 5.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 J | < 2.0 | < 2.0 | < 2.0 | < 2.0 J | < 2.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 10 | < 10 | < 10 | < 10 | < 10 J | < 10 | < 10 | < 10 | < 10 J | < 10 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 J | < 10 | < 10 | < 10 | < 10 J | < 10 J | < 10 | < 10 | < 10 | <10 | <10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | 0.21 J | < 1.0 | 3.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.37 J | 0.49 J | 0.74 J | 0.61 J | 0.29 J | 0.51 J | < 1.0 | 0.24 J | < 1.0 J | < 1.0 J | 0.41 J | 0.38 J | 0.21 J | 0.30 J | 0.35 J | 0.35 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 J | < 2.0 | < 2.0 | < 2.0 | < 2.0 J | < 2.0 J | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-77 Offsite 11-14 2/16/2016 | HPT-77 Offsite 14.5-17.5 2/16/2016 | HPT-77 Offsite 19-22 2/16/2016 | HPT-78 Offsite 7-10 2/15/2016 | HPT-78 Offsite 10-13 2/15/2016 | HPT-78 Offsite 13-16 2/15/2016 | HPT-78 Offsite 17-20 2/15/2016 | HPT-79 Offsite 8-11 2/16/2016 | HPT-79 Offsite 12-16 2/16/2016 | HPT-79 Offsite 17-20 2/16/2016 | HPT-79 Offsite 27-30 2/16/2016 | HPT-80 Offsite 3-6 2/10/2016 | HPT-80 Offsite 7-10 2/10/2016 | HPT-80 Offsite 12-15 2/10/2016 | HPT-80 Offsite 23-26 2/10/2016 | HPT-81 Offsite 6-9 2/10/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | 0.60 J | < 1.0 | < 1.0 | < 1.0 | 0.28 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 | < 10 | 1.8 J | < 10 | 4.4 J | 1.5 J | < 10 | 1.4 J | < 10 | < 10 | 16 | 3.1 J | 1.4 J | < 10 | 1.5 J | < 10 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | 0.29 J | < 1.0 | < 1.0 | < 1.0 | 0.21 J | 0.17 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.16 J | 0.17 J | < 1.0 | < 1.0 | 0.17 J |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | 0.23 J | 0.22 J | 0.14 J | 0.43 J | < 1.0 | 0.26 J | 0.34 J | 0.22 J | 0.19 J | < 1.0 | 0.14 J | 0.29 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.28 J | < 1.0 | 0.24 J | 0.24 J | < 1.0 | 0.27 J | 0.29 J |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.32 J | 0.23 J | < 1.0 | 0.22 J | 0.26 J | 0.23 J | 0.31 J | 0.19 J | 0.30 J | 0.31 J | < 1.0 | 0.40 J | 0.35 J | < 1.0 | 0.22 J | 0.43 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-81 Offsite 9-12 2/10/2016 | HPT-81 Offsite 12-15 2/10/2016 | HPT-81 Offsite 17-20 2/10/2016 | HPT-82 Offsite 6-9 2/10/2016 | HPT-82 Offsite 10-13 2/10/2016 | HPT-82 Offsite 15-18 2/10/2016 | HPT-83 Offsite 6-9 2/12/2016 | HPT-83 Offsite 10-13 2/12/2016 | HPT-83 Offsite 13-16 2/12/2016 | HPT-84 Offsite 6-9 2/12/2016 | HPT-84 Offsite 9-12 2/12/2016 | HPT-84 Offsite 13-15 2/12/2016 | HPT-85 Offsite 7-10 2/12/2016 | HPT-85 Offsite 10-13 2/12/2016 | HPT-85 Offsite 13-16 2/12/2016 | HPT-85 Offsite 17-20 2/12/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 1.07 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 7.0 | 0.93 J | 1.0 | < 1.0 | 0.38 J | < 1.0 | 1.0 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 | < 10 | < 10 | 1.9 J | < 10 | 1.9 J | 2.8 J | 19 | 2.3 J | 123 | 27 | 31 | 5.4 J | 14 | 4.4 J | 30 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | 0.16 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.30 J | 0.39 J | < 1.0 | 0.26 J | 0.22 J | < 1.0 | < 1.0 | 0.16 J | < 1.0 | 0.20 J |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 1.0 | < 1.0 | < 1.0 | 0.14 J | 0.20 J | < 1.0 | < 1.0 | < 1.0 | 0.67 J | < 1.0 | < 1.0 | 0.27 J | 0.19 J | < 1.0 | 0.32 J | 0.28 J |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.37 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 2.0 | < 1.0 | **22** | 5.0 | 4.0 | < 1.0 | 2.0 | 0.42 J | 3.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 6.0 | 6.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.35 J | 0.42 J | < 1.0 | 0.25 J |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 3.0 | < 1.0 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.27 J | < 1.0 | < 1.0 | 0.27 J | 0.29 J | < 1.0 | 0.50 J | 0.50 J | 0.27 J | 0.47 J | 0.39 J | 0.23 J | 0.48 J | 0.54 J | 0.26 J | 0.39 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-86 Offsite 5-8 2/11/2016 | HPT-86 Offsite 9-12 2/11/2016 | HPT-86 Offsite 12-15 2/11/2016 | HPT-86 Offsite 17-20 2/11/2016 | HPT-87 Offsite 6-9 2/11/2016 | HPT-87 Offsite 10-13 2/11/2016 | HPT-87 Offsite 13.5-16.5 2/11/2016 | HPT-88 Offsite 7-10 2/11/2016 | HPT-88 Offsite 11-14 2/11/2016 | HPT-88 Offsite 15-18 2/11/2016 | HPT-88 Offsite 15-18 2/16/2016 | HPT-89 Offsite 7-10 2/11/2016 | HPT-89 Offsite 11-14 2/11/2016 | HPT-89 Offsite 16-19 2/11/2016 | HPT-90 Offsite 7-10 2/12/2016 | HPT-90 Offsite 10-13 2/12/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 100 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 | < 1.0 | 0.86 J | 9.1 J | < 1.0 | < 1.0 | < 1.0 | 3.0 | < 1.0 | < 1.0 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 | < 10 | 1.6 J | < 10 | 23 | 28 | 27 | 40 | 34 | 380 | 2.3 J | 4.5 J | 3.8 J | 100 | 23 | 5.6 J |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.16 J | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | 0.19 J | < 1.0 | < 1.0 | 0.17 J | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 1.0 | < 1.0 | 0.48 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 3.0 | < 1.0 | 2.0 | < 1.0 | < 10 | < 1.0 | 1.0 | < 1.0 | < 1.0 | 5.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.61 J | 4.0 | 2.0 | 5.0 | **80** | < 1.0 | < 1.0 | < 1.0 | **15** | 0.98 J | < 1.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 100 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.30 J | 0.30 J | 0.26 J | 0.28 J | < 10 | < 1.0 | 0.24 J | 0.27 J | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 4.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.31 J | 0.27 J | 0.23 J | < 1.0 | 0.35 J | 0.36 J | 0.33 J | 0.33 J | 0.37 J | < 10 | < 1.0 | 0.39 J | 0.32 J | 0.24 J | 0.36 J | 0.33 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.00 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-90 Offsite 14-17 2/12/2016 | HPT-91 Offsite 9-12 2/12/2016 | HPT-91 Offsite 13-16 2/12/2016 | HPT-91 Offsite 17-20 2/12/2016 | HPT-92 Offsite 9-12 2/12/2016 | HPT-92 Offsite 14-17 2/12/2016 | HPT-92 Offsite 20-23 2/12/2016 | HPT-93 Offsite 7-10 2/15/2016 | HPT-93 Offsite 10-13 2/15/2016 | HPT-93 Offsite 14-17 2/15/2016 | HPT-93 Offsite 18-21 2/15/2016 | HPT-94 Offsite 7-10 2/15/2016 | HPT-94 Offsite 12-15 2/15/2016 | HPT-94 Offsite 18-21 2/15/2016 | HPT-95 Onsite 11-14 2/16/2016 | HPT-95 Onsite 14-17 2/16/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 | 1.8 J | < 10 | 2.4 J | 5.8 J | 5.5 J | 6.3 J | 8.0 J | 2.5 J | 1.6 J | 3.1 J | < 10 | 2.6 J | 9.2 J | 4.3 J | < 10 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | 0.31 J | < 1.0 | < 1.0 | 0.21 J | 0.18 J | < 1.0 | 0.28 J | 0.19 J | < 1.0 | < 1.0 | 0.21 J | 0.17 J | 0.30 J | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | 0.18 J | 0.33 J | 0.65 J | < 1.0 | 0.16 J | 0.62 J | 0.21 J | 0.21 J | < 1.0 | 0.27 J | 0.16 J | 0.14 J | 0.49 J | < 1.0 | 0.37 J | 0.36 J |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.39 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | 0.26 J | < 1.0 | < 1.0 | 0.24 J | 0.28 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | 0.22 J | < 1.0 | < 1.0 | 0.44 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.33 J | 0.53 J | 0.26 J | < 1.0 | 0.34 J | 0.34 J | < 1.0 | 0.45 J | 0.35 J | 0.27 J | 0.21 J | 0.33 J | 0.28 J | 0.36 J | 0.23 J | 0.20 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-95 Onsite 17-20 2/16/2016 | HPT-96 Offsite 5-8 2/15/2016 | HPT-96 Offsite 8-11 2/15/2016 | HPT-96 Offsite 11-14 2/15/2016 | HPT-96 Offsite 15-18 2/15/2016 | HPT-97 Offsite 8-11 2/16/2016 | HPT-97 Offsite 13-16 2/16/2016 | HPT-97 Offsite 16-19 2/16/2016 | HPT-97 Offsite 19-22 2/16/2016 | HPT-98 Offsite 8-11 2/16/2016 | HPT-98 Offsite 15-18 2/16/2016 | HPT-98 Offsite 24-27 2/16/2016 | HPT-99 Offsite 9-12 2/16/2016 | HPT-99 Offsite 15-18 2/16/2016 | HPT-99 Offsite 19-22 2/16/2016 | HPT-100 Offsite 4-7 5/9/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.25 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 J | 0.43 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 | < 10 | 2.6 J | 1.7 J | 1.5 J | 2.2 J | < 10 | 3.2 J | 16 | < 10 | 2.3 J | 6.2 J | 4.2 J | 1.7 J | 2.6 J | 3.3 J |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | 0.26 J | 0.18 J | < 1.0 | < 1.0 | 0.31 J | < 1.0 | < 1.0 | 0.43 J | 0.18 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | 0.15 J | 0.26 J | 0.15 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.14 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.14 J | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | 0.45 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.26 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.42 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.23 J | 0.59 J | 0.21 J | 0.35 J | < 1.0 | 0.45 J | 0.18 J | 0.22 J | 0.95 J | 0.38 J | < 1.0 | 0.27 J | 0.24 J | 0.34 J | < 1.0 | 0.23 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | 0.64 J | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-100 Offsite 8-11 5/9/2016 | HPT-100 Offsite 12-15 5/9/2016 | HPT-100 Offsite 21-24 5/9/2016 | HPT-101 Offsite 5-8 5/10/2016 | HPT-101 Offsite 9-12 5/10/2016 | HPT-101 Offsite 16-19 5/10/2016 | HPT-102 Offsite 5-8 5/10/2016 | HPT-102 Offsite 9-12 5/10/2016 | HPT-103 Offsite 5-8 5/10/2016 | HPT-103 Offsite 8-11 5/10/2016 | HPT-103 Offsite 12-15 5/10/2016 | HPT-104 Offsite 2-5 5/11/2016 | HPT-104 Offsite 6-9 5/11/2016 | HPT-104 Offsite 11-14 5/11/2016 | HPT-104 Offsite 24-27 5/11/2016 | HPT-105 Offsite 2-5 5/11/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | 5.1 J | < 10 | < 10 | 1.3 J | < 10 | < 10 | < 10 | < 10 | < 10 | 0.66 J | < 10 | < 10 | 2.4 J | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | 1.8 J | 1.6 J | 22 | 1.4 J | 1.0 J | 9.2 J | 2.5 J | 0.98 J | 1.2 J | 1.5 J | < 10 | 4.1 J | 1.0 J | 3.7 J | 10 | 3.0 J |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | < 1.0 | 0.23 J | < 1.0 | 0.31 J | 0.24 J | < 1.0 | 0.37 J | < 1.0 | 0.27 J | 0.32 J | 0.24 J | 0.29 J | 0.25 J | 0.27 J | 0.26 J | 0.55 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-105 Offsite 6-9 5/11/2016 | HPT-105 Offsite 11-14 5/11/2016 | HPT-105 Offsite 20-23 5/11/2016 | HPT-106 Offsite 3-6 5/11/2016 | HPT-106 Offsite 7-10 5/11/2016 | HPT-106 Offsite 11-14 5/11/2016 | HPT-106 Offsite 15-18 5/11/2016 | HPT-107 Offsite 4-7 5/11/2016 | HPT-107 Offsite 8-11 5/11/2016 | HPT-107 Offsite 12-15 5/11/2016 | HPT-108 Offsite 4-7 5/11/2016 | HPT-108 Offsite 8-11 5/11/2016 | HPT-108 Offsite 12-15 5/11/2016 | HPT-109 Offsite 5-8 5/12/2016 | HPT-109 Offsite 9.5-12.5 5/12/2016 | HPT-109 Offsite 13-16 5/12/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.49 J | 0.41 J | 0.37 J | 0.55 J | < 1.0 | < 1.0 | 1.8 | 0.30 J |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | 5.5 J | 0.85 J | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | 2.9 J | < 10 | 23 | 8.7 J | 1.6 J | < 10 | 3.9 J | 1.8 J | 1.9 J | < 10 | 3.0 J | 1.3 J | < 10 | 5.6 J | 2.4 J | 1.8 J |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.28 J | 0.25 J | 0.33 J | 0.29 J | 0.32 J | < 1.0 | < 1.0 | 0.43 J | 0.36 J | < 1.0 | 0.44 J | 0.35 J | 0.28 J | 0.29 J | 0.33 J | 0.30 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-110 Offsite 5-8 5/12/2016 | HPT-110 Offsite 9-12 5/12/2016 | HPT-110 Offsite 13-16 5/12/2016 | HPT-111 Offsite 7-10 5/12/2016 | HPT-111 Offsite 11-14 5/12/2016 | HPT-111 Offsite 16-19 5/12/2016 | HPT-112 Offsite 10-13 5/12/2016 | HPT-112 Offsite 14-17 5/12/2016 | HPT-112 Offsite 18-21 5/12/2016 | HPT-113 Offsite 10-13 5/12/2016 | HPT-113 Offsite 14-17 5/12/2016 | HPT-113 Offsite 18-21 5/12/2016 | HPT-114 Offsite 10-13 5/12/2016 | HPT-114 Offsite 14-17 5/12/2016 | HPT-114 Offsite 18-21 5/12/2016 | HPT-115 Offsite 6-9 5/13/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | 0.43 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | 1.0 J | < 10 | < 10 | 0.54 J |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | 1.1 J | 1.3 J | < 10 | 1.5 J | < 10 | < 10 | < 10 | 3.1 J | 1.6 J | 3.9 J | < 10 | < 10 | 4.8 J | 2.1 J | < 10 | 1.8 J |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.28 J | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.30 J | 0.37 J | 0.28 J | 0.37 J | 0.31 J | 0.57 J | 0.30 J | 0.36 J | 0.34 J | 0.30 J | 0.39 J | 0.23 J | 0.48 J | 0.50 J | 0.26 J | 0.29 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-115 Offsite 10-13 5/13/2016 | HPT-115 Offsite 14-17 5/13/2016 | HPT-116 Offsite 3-6 5/16/2016 | HPT-116 Offsite 6-9 5/16/2016 | HPT-116 Offsite 9-12 5/16/2016 | HPT-117 Offsite 3-6 5/16/2016 | HPT-117 Offsite 4-7 5/16/2016 | HPT-117 Offsite 8-11 5/16/2016 | HPT-118 Offsite 4-7 5/16/2016 | HPT-118 Offsite 8-11 5/16/2016 | HPT-118 Offsite 12-15 5/16/2016 | HPT-119 Offsite 3-6 5/16/2016 | HPT-119 Offsite 6-9 5/16/2016 | HPT-119 Offsite 9-12 5/16/2016 | HPT-131 Offsite 7-10 7/19/2016 | HPT-131 Offsite 11-14 7/19/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 | < 10 | 4.3 J | 1.7 J | 1.1 J | 2.2 J | 1.8 J | 1.1 J | 1.2 J | < 10 | < 10 | 8.0 J | 2.0 J | 1.0 J | < 10 B | < 10 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 5.0 | 0.50 J | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | < 1.0 | < 1.0 | 0.41 J | 0.35 J | 0.63 J | 0.25 J | 0.27 J | < 1.0 | 0.24 J | < 1.0 | < 1.0 | 0.24 J | 0.28 J | < 1.0 | 0.49 J | 0.57 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-132 Offsite 8-11 7/20/2016 | HPT-132 Offsite 11-14 7/20/2016 | HPT-133 Offsite 8.5-11.5 7/20/2016 | HPT-133 Offsite 12.5-15.5 7/20/2016 | HPT-134 Offsite 9-12 7/20/2016 | HPT-134 Offsite 13-16 7/20/2016 | HPT-134 Offsite 17.5-20.5 7/20/2016 | HPT-134 Offsite 21-24 7/20/2016 | HPT-134 Offsite 26-29 7/20/2016 | HPT-135 Offsite 8-11 7/20/2016 | HPT-135 Offsite 11-14 7/20/2016 | HPT-135 Offsite 16-19 7/20/2016 | HPT-136 Offsite 8-11 7/20/2016 | HPT-136 Offsite 11-14 7/20/2016 | HPT-137 Offsite 8-11 7/20/2016 | HPT-137 Offsite 11-14 7/20/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | 0.67 J | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 B | < 10 B | < 10 | < 10 B | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 B | < 10 | < 10 B | < 10 B | < 10 B | < 10 B | < 10 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | 0.44 J | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.37 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.41 J | 0.40 J | 0.30 J | 0.23 J | 0.35 J | 0.29 J | < 1.0 | < 1.0 | 0.29 J | 0.35 J | 0.25 J | < 1.0 | 0.26 J | 0.26 J | < 1.0 | 0.23 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-137 Offsite 17-20 7/20/2016 | HPT-138 Offsite 9-12 7/20/2016 | HPT-138 Offsite 13-16 7/20/2016 | HPT-139 Offsite 7-10 7/20/2016 | HPT-139 Offsite 11-14 7/20/2016 | HPT-139 Offsite 15-18 7/20/2016 | HPT-140 Offsite 7-10 7/20/2016 | HPT-140 Offsite 11-14 7/20/2016 | HPT-140 Offsite 15.5-18.5 7/20/2016 | HPT-141 Offsite 7-10 7/21/2016 | HPT-141 Offsite 11-14 7/21/2016 | HPT-142 Offsite 7-10 7/21/2016 | HPT-142 Offsite 11-14 7/21/2016 | HPT-143 Offsite 6-9 7/21/2016 | HPT-143 Offsite 11-14 7/21/2016 | HPT-144 Offsite 6-9 7/21/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | 1.0 J | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | 0.70 J |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 B | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.55 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.57 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.34 J | 0.33 J | 0.39 J | 0.28 J | 0.29 J | < 1.0 | 0.49 J | 0.23 J | 0.30 J | 0.60 J | 0.49 J | 0.46 J | 0.55 J | 0.68 J | 0.53 J | 0.40 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-144 Offsite 11-14 7/21/2016 | HPT-145 Offsite 5-8 8/1/2016 | HPT-145 Offsite 9-12 8/1/2016 | HPT-146 Offsite 8-11 7/21/2016 | HPT-147 Offsite 8-11 7/22/2016 | HPT-147 Offsite 12-15 7/22/2016 | HPT-147 Offsite 16-19 7/22/2016 | HPT-148 Offsite 6-9 7/22/2016 | HPT-148 Offsite 9-12 7/22/2016 | HPT-148 Offsite 13-16 7/22/2016 | HPT-149 Offsite 5-8 8/1/2016 | HPT-149 Offsite 9-12 8/1/2016 | HPT-149 Offsite 13-16 8/1/2016 | HPT-150 Offsite 6-9 8/1/2016 | HPT-150 Offsite 10-13 8/1/2016 | HPT-150 Offsite 20-23 8/1/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.73 J | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | 0.87 J | 1.0 J | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | 0.68 J | 0.63 J | < 10 | < 10 | < 10 | < 10 | 3.3 J |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 B | 1.4 J | 1.4 J | < 10 | < 10 B | < 10 | < 10 | < 10 | < 10 | < 10 B | 1.1 J | < 10 | < 10 | < 10 | < 10 | 13 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.45 J |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | < 1.0 | 0.31 J | 0.29 J | 0.55 J | 0.41 J | 0.56 J | 0.56 J | 0.61 J | 0.42 J | 0.33 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.29 J | < 1.0 |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-151 Offsite 7-10 8/1/2016 | HPT-151 Offsite 11-14 8/1/2016 | HPT-151 Offsite 15-18 8/1/2016 | HPT-152 Offsite 6-9 8/1/2016 | HPT-152 Offsite 9-12 8/1/2016 | HPT-152 Offsite 12-15 8/1/2016 | HPT-152 Offsite 17-20 8/1/2016 | HPT-153 Onsite 10.5-13.5 7/27/2016 | HPT-153 Onsite 15-18 7/27/2016 | HPT-153 Onsite 19-22 7/27/2016 | HPT-154 Onsite 15-18 7/27/2016 | HPT-154 Onsite 19-22 7/27/2016 | HPT-155 Onsite 15-18 7/27/2016 | HPT-155 Onsite 18-21 7/27/2016 | HPT-156 Onsite 12.5-15.5 7/27/2016 | HPT-156 Onsite 16-19 7/27/2016 | HPT-156 Onsite 26-29 7/27/2016 | HPT-157 Onsite 13-16 7/27/2016 | HPT-157 Onsite 17-20 7/27/2016 | HPT-157 Onsite 25-28 7/27/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 8.4 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | 3.5 J | 1.3 J | < 10 | < 10 | 0.92 J | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | 0.77 J |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 17 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 | < 10 | < 10 | 4.2 J | 1.8 J | < 10 | 120 | < 10 UB | < 10 | < 10 UB | < 10 UB | < 10 UB | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | 3.0 J |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 8.4 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 8.4 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 3.3 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 17 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 17 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.40 J | < 1.0 | < 1.0 | 0.30 J | 0.30 J | 0.29 J | < 1.7 | 0.32 J | 0.52 J | 0.25 J | 0.46 J | 0.35 J | 0.55 J | 0.44 J | 0.62 J | 0.58 J | 0.73 J | 0.44 J | 0.56 J | 0.26 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 3.3 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-158 Onsite 15-18 7/27/2016 | HPT-158 Onsite 19-22 7/27/2016 | HPT-159 Onsite 9-12 7/28/2016 | HPT-159 Onsite 19-22 7/28/2016 | HPT-160 Onsite 11-14 7/28/2016 | HPT-160 Onsite 15-18 7/28/2016 | HPT-160 Onsite 19-22 7/28/2016 | HPT-161 Onsite 10-13 7/28/2016 | HPT-161 Onsite 15-18 7/28/2016 | HPT-161 Onsite 19-22 7/28/2016 | HPT-162 Onsite 7-10 7/28/2016 | HPT-162 Onsite 12-15 7/28/2016 | HPT-162 Onsite 17-20 7/28/2016 | HPT-162 Onsite 21-24 7/28/2016 | HPT-163 Onsite 9-12 7/28/2016 | HPT-163 Onsite 19-22 7/28/2016 | HPT-164 Onsite 9-12 7/29/2016 | HPT-164 Onsite 13-16 7/29/2016 | HPT-165 Onsite 9-12 7/29/2016 | HPT-165 Onsite 15-18 7/29/2016 | HPT-165 Onsite 20-23 7/29/2016 | HPT-166 Onsite 9-12 7/29/2016 | HPT-166 Onsite 14-17 7/29/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | 0.67 J | < 1.0 | 1.8 | < 13 | 1.2 | 3.4 | < 10 | 1.4 | < 6.7 | < 5.0 | 4.7 | 3.4 | < 13 | < 1.7 | 0.74 J | < 1.0 | 2.6 | 2.7 | 0.37 J | 0.96 J | < 1.0 | < 1.0 | 0.46 J |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 5.0 | < 5.0 | < 5.0 | < 67 | < 5.0 | < 8.4 | < 50 | < 5.0 | < 33 | < 25 | < 5.0 | < 5.0 | < 63 | < 8.4 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | 0.24 J | < 1.7 | 3.5 J | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | < 130 | < 10 | < 17 | < 100 | < 10 | < 67 | < 50 | < 10 | < 10 | < 130 | < 17 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 10 | < 10 | < 10 | < 130 | < 10 | < 17 | < 100 | < 10 | < 67 | < 50 | < 10 | < 10 | < 130 | < 17 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 | < 10 | < 10 UB | < 130 UB | < 10 UB | < 17 UB | < 100 UB | < 10 UB | < 67 UB | < 50 UB | < 10 UB | < 10 UB | < 130 | < 17 UB | < 10 UB | < 10 | < 10 UB | < 10 | < 10 UB | < 10 UB | < 10 UB | < 10 | < 10 UB |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 5.0 | < 5.0 | < 5.0 | < 67 | < 5.0 | < 8.4 | < 50 | < 5.0 | < 33 | < 25 | < 5.0 | < 5.0 | < 63 | < 8.4 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 5.0 | < 5.0 | < 5.0 | < 67 | < 5.0 | < 8.4 | < 50 | < 5.0 | < 33 | < 25 | < 5.0 | < 5.0 | < 63 UB | < 8.4 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 2.0 | < 2.0 | < 2.0 | < 27 | < 2.0 | < 3.3 | < 20 | < 2.0 | < 13 | < 10 | < 2.0 | < 2.0 | < 25 | < 3.3 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 10 | < 10 | < 10 | < 130 | < 10 | < 17 | < 100 | < 10 | < 67 | < 50 | < 10 | < 10 | < 130 | < 17 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 130 | < 10 | < 17 | < 100 | < 10 | < 67 | < 50 | < 10 | < 10 | < 130 | < 17 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.37 J | 0.73 J | < 1.0 | < 13 | 0.36 J | < 1.7 | < 10 | 0.28 J | < 6.7 | < 5.0 | 0.28 J | < 1.0 | < 13 | < 1.7 | 0.40 J | < 1.0 | 0.49 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.25 J | < 1.0 |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 2.0 | < 2.0 | < 2.0 | < 27 | < 2.0 | < 3.3 | < 20 | < 2.0 | < 13 | < 10 | < 2.0 | < 2.0 | < 25 | < 3.3 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 13 | < 1.0 | < 1.7 | < 10 | < 1.0 | < 6.7 | < 5.0 | < 1.0 | < 1.0 | < 13 | < 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

Table 1
Groundwater HPT and VAP Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-166 Onsite 19-22 7/29/2016 | HPT-168 Offsite 5-8 7/29/2016 | HPT-168 Offsite 9-12 7/29/2016 | HPT-168 Offsite 13-16 7/29/2016 | HPT-169 Offsite 5-8 7/29/2016 | HPT-169 Offsite 9-12 7/29/2016 | HPT-170 Offsite 5-8 7/29/2016 | HPT-170 Offsite 9-12 7/29/2016 | HPT-171 Offsite 8-11 8/1/2016 | HPT-172 Onsite 9-12 9/27/2016 | HPT-172 Onsite 12-15 9/27/2016 | HPT-172 Onsite 16-19 9/27/2016 | HPT-172 Onsite 20-23 9/27/2016 | HPT-173 Onsite 9-12 9/27/2016 | HPT-173 Onsite 13-16 9/27/2016 | HPT-173 Onsite 16-19 9/27/2016 | HPT-173 Onsite 20-23 9/27/2016 | HPT-174 Onsite 9-12 9/28/2016 | HPT-174 Onsite 14-17 9/28/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | 1.4 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | <5.0 | <5.0 | <5.0 | <9.1 | <5.0 | <5.0 | <5.0 | <9.1 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 | < 1.0 | <1.8 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 10 | < 10 | < 10 | 0.90 J | < 10 | < 10 | < 10 | < 10 | 0.95 J | <10 | <10 | <10 | <18 | 0.89 J | <10 | <10 | <18 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | <10 | <10 | <10 | <18 | <10 | <10 | <10 | <18 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | < 10 | < 10 | 2.3 J | 7.7 J | 2.6 J | < 10 | < 10 B | < 10 B | 1.1 J | 1.5 J | <10 | <10 | <18 | 5.6 J | <10 | <10 | <18 | < 10 | < 10 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.41 J | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | 0.37 J | 0.48 J |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | 2.0 J | <5.0 | <5.0 | 0.42 J | <9.1 | <5.0 | <5.0 | <5.0 | <9.1 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | <5.0 | <5.0 | <5.0 | <9.1 | <5.0 | <5.0 | <5.0 | <9.1 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | <2.0 | <2.0 | <2.0 | <3.6 | <2.0 | <2.0 | <2.0 | <3.6 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | <10 | <10 | <10 | <18 | <10 | <10 | <10 | <18 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | <10 | <10 | <10 | <18 | <10 | <10 | <10 | <18 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.21 J | 0.21 J | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | 0.27 J | < 1.0 | 0.24 J | 0.40 J | 0.32 J | 0.29 J | < 1.0 | 0.27 J | 0.34 J | 0.53 J | 0.41 J | 0.35 J | <1.8 | 0.36 J | 0.39 J | 0.40 J | <1.8 | 0.55 J | 0.39 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | <2.0 | <2.0 | <2.0 | <3.6 | <2.0 | <2.0 | <2.0 | <3.6 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 | <1.0 | <1.0 | <1.8 | <1.0 | <1.0 | <1.0 | <1.8 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 1**
**Groundwater HPT and VAP Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | Unit | EGLE Part 201 Residential Drinking Water (DW) | EGLE Part 201 Residential Groundwater-Surface Water Interface (GSI) | Site-Specific Residential VIAC (GWIC) | HPT-174 Onsite 19-22 9/28/2016 | HPT-175 Onsite 8-11 9/28/2016 | HPT-175 Onsite 14-17 9/28/2016 | HPT-175 Onsite 21-24 9/28/2016 | HPT-176 Onsite 8-11 9/28/2016 | HPT-176 Onsite 14-17 9/28/2016 | HPT-176 Onsite 19-22 9/28/2016 | HPT-177 Onsite 8-11 9/28/2016 | HPT-177 Onsite 13-16 9/28/2016 | HPT-177 Onsite 17-20 9/28/2016 | HPT-178 Onsite 8-11 9/28/2016 | HPT-178 Onsite 12-15 9/28/2016 | HPT-178 Onsite 16-19 9/28/2016 | HPT-179 Onsite 7-10 9/28/2016 | HPT-179 Onsite 11-14 9/28/2016 | HPT-179 Onsite 16-19 9/28/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds (VOCs via Method 8260 or 8265)** | | | | | | | | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | -- | < 2.5 | < 1.0 | 0.74 J | < 1.0 | 0.30 J | 1.9 | < 5.0 | < 1.0 | 0.86 J | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | -- | -- | -- | < 13 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 25 | < 5.0 | < 5.0 | < 33 | < 5.0 | < 5.0 | < 20 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2200 | -- | < 25 | < 10 | < 10 | < 10 | < 10 | < 10 | < 50 | < 10 | < 10 | < 67 | < 10 | < 10 | < 40 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | -- | < 25 | < 10 | < 10 | < 10 | 2.3 J | < 10 | < 50 | < 10 | < 10 | < 67 | < 10 | < 10 | < 40 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1700 | -- | < 25 | < 10 | < 10 UB | < 10 | 21 | < 10 UB | < 50 | < 10 | < 10 | < 67 | < 10 UB | < 10 | < 40 | < 10 | < 10 | < 10 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | -- | < 2.5 | < 1.0 | 0.40 J | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | -- | < 13 | < 5.0 | 0.50 J | < 5.0 | < 5.0 | < 5.0 | < 25 | < 5.0 | < 5.0 | < 33 | < 5.0 | < 5.0 | < 20 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | -- | -- | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | -- | < 13 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 25 | < 5.0 | < 5.0 | < 33 | < 5.0 | < 5.0 | < 20 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | -- | < 5.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 10 | < 2.0 | < 2.0 | < 13 | < 2.0 | < 2.0 | < 8.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | -- | -- | -- | < 25 | < 10 | < 10 | < 10 | < 10 | < 10 | < 50 | < 10 | < 10 | < 67 | < 10 | < 10 | < 40 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | -- | < 25 | < 10 | < 10 | < 10 | < 10 | < 10 | < 50 | < 10 | < 10 | < 67 | < 10 | < 10 | < 40 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | -- | -- | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butylether | µg/L | 40 (E) | 7,100 (X) | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | -- | < 2.5 | 0.50 J | 0.39 J | < 1.0 | 0.43 J | 0.30 J | < 5.0 | 0.43 J | 0.41 J | < 6.7 | 0.43 J | 0.31 J | < 4.0 | 0.32 J | 0.32 J | 0.60 J |
| Total Xylenes | µg/L | 280 (E) | 49 | -- | < 5.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 10 | < 2.0 | < 2.0 | < 13 | < 2.0 | < 2.0 | < 8.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | -- | < 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 1.0 | < 4.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 1**
**Residential Groundwater HPT and VAP Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

**Notes:**

All concentrations are micrograms per liter (µg/L).

Samples were analyzed by United States Environmental Protection Agency (USEPA) Method 8260 (fixed lab) or Method 8265 (mobile lab). 1,4-Dioxane was analyzed using USEPA Method 8260 SIM or Method 8270.

| | |
|---|---|
| < | Analyte was not detected above the laboratory reporting limit. |

Results are compared to EGLE Part 201 Residential Generic Cleanup Criteria dated October 2023, Site-Specific VIAC (October 30, 2018), and the February 2024 EGLE generic Residential VIAP Screening Levels for Shallow Groundwater (i.e., groundwater in contact), if site-specific VIAC were not available.

| | |
|---|---|
| [1] | Site-specific cis-1,2-dichloroethene criteria used as substitution for dichloroethene. |
| [2] | Site-specific vinyl chloride criteria used as substitution for vinyl chloride + 1,2-dichloroethane. |
| **Bold** | Detected result exceeds the Residential Drinking Water (DW) Criteria. |
| Outlined | Detected result exceeds the Groundwater-Surface Water Interface (GSI) Criteria. |
| Shaded | Detected result exceeds the Site-specific or generic Residential Volatilization to Indoor Air Criteria (VIAC) for Groundwater in Contact (GWIC). |

**Abbreviations and Data Qualifiers:**

| | |
|---|---|
| B | analyte considered non-detect at the listed value due to associated blank contamination |
| EGLE | Michigan Department of Environment, Great Lakes, and Energy |
| ft bgs | feet below ground surface |
| GSI | Groundwater-Surface Water Interface |
| GWIC | Groundwater in Contact |
| HPT | hydraulic profiling tool |
| J | estimated result |
| µg/L | micrograms per liter |
| NA / -- | not analyzed/not available |
| SB | Soil Boring |
| SDG | Sample Delivery Group |
| VAP | vertical aquifer profile |
| VIAC | Volatilization to Indoor Air Criteria |
| VIAP | Volatilization to Indoor Air Pathway |
| * | Split sample analyzed at TestAmerica in Canton, OH |

**Criteria Footnotes**

| | |
|---|---|
| A | Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005. |
| E | Criterion is the aesthetic drinking water value, as required by Section 20120a(5) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). |
| J | Hazardous substance may be present in several isomer forms. Isomer-specific concentrations must be added together for comparison to criteria. |
| JT | Hazardous substance may be present in several isomer forms. The VIAP screening level may be used for the individual isomer provided that it is the sole isomer detected; however, when multiple isomers are detected in a medium, the isomer-specific concentrations must be added together and compared to the most restrictive VIAP screening level of the detected isomers. |
| M | Calculated criterion is below the analytical target detection limit (TDL). In accordance with Sec. 20120a(10) when the TDL for a hazardous substance is greater than the criterion, the TDL is used to evaluate the risk posed from the pathway. |
| S | Criterion defaults to the hazardous substance-specific water solubility limit. |
| W | Concentrations of trihalomethanes in groundwater shall be added together to determine compliance with the Michigan drinking water standard of 80 ug/L. |
| X | The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source. |
| DD | Hazardous substance causes developmental effects. Residential VIAP screening levels are protective of both prenatalexposure using a pregnant female receptor and postnatal exposure using a child receptor. |
| FF | The AAC for the volatile hazardous substances are based on toxicity values that have been identified to have the potential to cause adverse human health effects for less than chronic exposures (i.e. short-term or acute). The short-term exposure for shallow groundwater VIAP screening levels are based on modification of the standard equations by the department to develop applicable shallow groundwater VIAP screening levels. |
| MM | Hazardous substance is a carcinogen with a mutagenic mode of action. The cancer potency values used in calculating VIAP screening levels are modified using age-dependent adjustment factors for those carcinogenic chemicals identified as mutagenic. |
| II | The residential drinking water criterion for 1,4-dioxane is not calculated using the equations of R 299.10 or the toxicological and chemical-physical data as shown in Table 4 of R 299.50. The drinking water criterion is calculated using the United States Environmental Protection Agency's (U.S. EPA) "Toxicological Review of 1,4-Dioxane," EPA/635/R-11/003F, September 2013, and the department's residential exposure algorithms to protect both children and adults from unsafe levels of the chemical. A copy of the U.S. EPA's "Toxicological Review of 1,4-dioxane," may be obtained on the U.S. EPA website, www.epa.gov, free of charge as of the time of adoption of these rules. A copy of the department's residential exposure algorithms may be obtained without charge from EGLE, RRD, 525 West Allegan Street, Lansing, Michigan 48933. |
| ID | Insufficient data to develop criterion. |
| NA | A criterion or value is not available or, in the case of background and CAS numbers, not applicable. |

Acceptable Air Values (AAV) endpoint basis used for the VIAP screening levels:

| | |
|---|---|
| ca | Carcinogenetic |
| dev | Developmental |
| mut | Mutagenic cancer |
| nc | Non-Carcinogenetic |
| st | Short-term (i.e., less than chronic exposure) |

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-100S | 11672 Belden ROW | 3-13 | 12/18/2018 | 1.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.22 J |
| MW-100S | 11672 Belden ROW | 3-13 | 2/27/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 5/9/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 9/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 11/26/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 2/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 5/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 8/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 11/16/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 2/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 5/20/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 8/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 11/18/2021 | 1.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 2/28/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 5/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 8/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 11/2/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 3/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 5/15/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-100S | 11672 Belden ROW | 3-13 | 8/10/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 11/21/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-100S | 11672 Belden ROW | 3-13 | 2/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 5/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 8/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 11/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 2/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-100S | 11672 Belden ROW | 3-13 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 12/21/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 3/6/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 B |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/8/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 9/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 11/13/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 2/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 8/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 11/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 2/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/20/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 8/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 11/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 2/25/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 8/15/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 11/2/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 3/8/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/16/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 8/7/2023 | < 2.0 | V | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 11/9/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 2/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 8/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 11/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 2/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-101S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | |
| MW-102 | 34430 Rosati ROW | 10-15 | 12/19/2018 | 1.7 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-102 | 34430 Rosati ROW | 10-15 | 2/25/2019 | 1.3 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-102 | 34430 Rosati ROW | 10-15 | 5/17/2019 | 1.1 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 |
| MW-102 | 34430 Rosati ROW | 10-15 | 9/18/2019 | 1.0 J [1.2 J] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.0 [1.0 ] |
| MW-102 | 34430 Rosati ROW | 10-15 | 11/18/2019 | 1.0 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-102 | 34430 Rosati ROW | 10-15 | 2/14/2020 | 1.4 J [< 2.0 ] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.3 [1.1] |
| MW-102 | 34430 Rosati ROW | 10-15 | 5/22/2020 | 1.4 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-102 | 34430 Rosati ROW | 10-15 | 8/14/2020 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-102 | 34430 Rosati ROW | 10-15 | 11/12/2020 | 0.88 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-102 | 34430 Rosati ROW | 10-15 | 2/18/2021 | 0.90 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** |
| MW-102 | 34430 Rosati ROW | 10-15 | 5/18/2021 | 0.89 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-102 | 34430 Rosati ROW | 10-15 | 8/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.4** |
| MW-102 | 34430 Rosati ROW | 10-15 | 11/3/2021 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.8 [2.7]** |
| MW-102 | 34430 Rosati ROW | 10-15 | 2/10/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.3 |
| MW-102 | 34430 Rosati ROW | 10-15 | 5/20/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.3** |
| MW-102 | 34430 Rosati ROW | 10-15 | 8/12/2022 | < 2.0 [< 2.0 ] V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.8 [3.1]** |
| MW-102 | 34430 Rosati ROW | 10-15 | 10/31/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** |
| MW-102 | 34430 Rosati ROW | 10-15 | 3/6/2023 | < 2.0 [< 2.0] V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | **2.1 [2.3]** |
| MW-102 | 34430 Rosati ROW | 10-15 | 5/15/2023 | < 2.0 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.8** |
| MW-102 | 34430 Rosati ROW | 10-15 | 8/8/2023 | < 2.0 [< 2.0] V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | **3.0 [2.8]** |
| MW-102 | 34430 Rosati ROW | 10-15 | 10/30/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-102 | 34430 Rosati ROW | 10-15 | 3/4/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.1** |
| MW-102 | 34430 Rosati ROW | 10-15 | 5/17/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 |
| MW-102 | 34430 Rosati ROW | 10-15 | 8/9/2024 | 0.94 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 |
| MW-102 | 34430 Rosati ROW | 10-15 | 11/18/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.7** |
| MW-102 | 34430 Rosati ROW | 10-15 | 2/19/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-102 | 34430 Rosati ROW | 10-15 | 5/8/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 12/19/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 2/25/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 5/14/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 9/18/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 11/18/2019 | < 2.0 [0.81 J] V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [1.5] |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 2/14/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 5/22/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 8/14/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 11/12/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 2/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 5/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 8/16/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 11/3/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 2/10/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 5/20/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 8/12/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 10/31/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 3/14/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 5/15/2023 | < 2.0 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 8/8/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 10/30/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 3/4/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 5/16/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 8/12/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 11/18/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 2/19/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-102S | 34430 Rosati ROW | 2.5-12.5 | 5/8/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 2/5/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.58 J |
| MW-103S | 34424 Capitol | 2-7 | 5/16/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.36 J |
| MW-103S | 34424 Capitol | 2-7 | 9/20/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 11/15/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | 0.38 J |
| MW-103S | 34424 Capitol | 2-7 | 2/10/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 8/20/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 11/10/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.32 J |
| MW-103S | 34424 Capitol | 2-7 | 2/9/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 5/20/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.46 J |
| MW-103S | 34424 Capitol | 2-7 | 8/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 11/10/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 3/1/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 5/10/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 8/4/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 11/18/2022 | < 2.0 [< 2.0] V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] |
| MW-103S | 34424 Capitol | 2-7 | 2/24/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 5/3/2023 | < 2.0 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 8/10/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 11/2/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-103S | 34424 Capitol | 2-7 | 3/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 5/20/2024 | < 2.0 S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 8/2/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 11/19/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 3/3/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-103S | 34424 Capitol | 2-7 | 5/8/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 2/5/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 5/15/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 9/17/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 11/21/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 2/12/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 8/7/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 11/9/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 2/23/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 5/4/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 8/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 11/8/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 2/8/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 5/10/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 8/2/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 11/17/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 2/24/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 5/1/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 8/3/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 11/21/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 J |
| MW-104S | 34900 Standish | 9-14 | 2/22/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 5/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 8/6/2024 | < 2.0 J S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 11/7/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 2/25/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-104S | 34900 Standish | 9-14 | 4/28/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 12/26/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 2/25/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 5/14/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 9/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 11/13/2019 | 0.55 J | V | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 8/14/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 11/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 3/1/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 5/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 8/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 11/3/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 2/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 5/5/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 8/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 10/31/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 3/6/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 5/15/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 8/14/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 10/30/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 3/4/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 8/9/2024 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 11/14/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.47 J |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 2/19/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-105S | 34422 Rosati ROW | 2.5-12.5 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 2/27/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 5/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 9/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 11/15/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 2/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 8/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 11/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 2/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 5/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 8/11/2021 | < 2.0 | S | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 11/3/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 2/18/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 5/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 8/17/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 11/2/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 11/7/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 2/24/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 5/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 8/8/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 11/8/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 2/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 8/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 11/13/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 2/27/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-106S | 12001 Stark (Beacon ROW) | 2.5-12.5 | 5/8/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 12/26/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| Location: | Property Address: | Screen Interval (ft bgs): | Sample Date: | | | | | | | |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 2/27/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 5/10/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 9/24/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 11/12/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 2/10/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 5/19/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 8/4/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 11/6/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 2/15/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 5/6/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 8/13/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 11/10/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 2/25/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 5/19/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 8/10/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 11/7/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 3/10/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 5/15/2023 | < 2.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 8/9/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 2/29/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 5/15/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 8/8/2024 | < 2.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 11/22/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.92 J |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 2/24/2025 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-107S | 12125 Stark (Capitol ROW) | 2.5-12.5 | 5/7/2025 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 12/26/2018 | 0.90 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 5/14/2019 | 0.93 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 9/19/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 11/12/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 2/3/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 5/19/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 8/14/2020 | 1.2 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 11/11/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 2/18/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 5/13/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 8/11/2021 | < 2.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 11/1/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 2/8/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 5/18/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 8/10/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 11/1/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 3/3/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 5/8/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 8/7/2023 | < 2.0 [< 2.0] | < 1.0 [< 1.0 J] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 11/24/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 2/22/2024 | < 2.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 5/14/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 8/5/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 11/18/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 2/19/2025 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-108S | 34426 Rosati ROW | 2.5-12.5 | 5/8/2025 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 12/28/2018 | < 2.0 | < 1.0 | 0.45 J | < 1.0 | 0.25 J | < 1.0 | 0.28 J |
| MW-109S | 34990 Beacon | 2.5-12.5 | 2/28/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.17 J | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 5/10/2019 | < 2.0 | < 1.0 | 0.21 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| Location: | Property Address: | Screen Interval (ft bgs): | Sample Date: | | | | | | | |
| MW-109S | 34990 Beacon | 2.5-12.5 | 9/23/2019 | < 2.0 S | < 1.0 | 0.38 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 11/13/2019 | < 2.0 V | < 1.0 | 0.36 J | < 1.0 | < 1.0 | < 1.0 | 0.39 J |
| MW-109S | 34990 Beacon | 2.5-12.5 | 2/20/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 8/20/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 11/6/2020 | < 2.0 S | < 1.0 | 0.26 J | < 1.0 | < 1.0 | < 1.0 | 0.44 J |
| MW-109S | 34990 Beacon | 2.5-12.5 | 2/22/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.35 J |
| MW-109S | 34990 Beacon | 2.5-12.5 | 5/4/2021 | < 2.0 S | < 1.0 | 0.18 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 8/4/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 11/3/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 2/10/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 5/9/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 8/4/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 11/15/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 3/1/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 5/3/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 8/8/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 11/2/2023 | <2.0 V | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J |
| MW-109S | 34990 Beacon | 2.5-12.5 | 2/28/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 5/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 8/1/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-109S | 34990 Beacon | 2.5-12.5 | 11/13/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 2/19/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-109S | 34990 Beacon | 2.5-12.5 | 5/6/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 2/5/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 5/15/2019 | < 2.0 B S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 9/17/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 11/21/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 2/21/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 8/7/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 11/9/2020 | < 2.0 S | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-110S | 34850 Standish | 8-13 | 2/23/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 5/4/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 8/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 11/8/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 2/7/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 5/9/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 8/1/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 11/7/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 3/8/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 5/1/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 7/31/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 11/13/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-110S | 34850 Standish | 8-13 | 2/22/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 5/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 8/6/2024 | < 2.0 J S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 11/7/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 2/12/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-110S | 34850 Standish | 8-13 | 4/28/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 2/4/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 5/20/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 9/19/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 11/26/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 2/5/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 5/26/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-111S | 12051 Stark | 8-13 | 8/4/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 11/3/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 2/19/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 5/10/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 8/19/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 11/5/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 2/15/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 5/13/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 8/18/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 11/7/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 3/7/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 5/1/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 8/8/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 3/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 5/14/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 8/2/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 11/18/2024 | < 2.0 S | < 1.0 | < 1.0+ | < 1.0 | < 1.0 | < 1.0+ | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 2/24/2025 | < 2.0 S | < 1.0 | < 1.0+ | < 1.0 | < 1.0 | < 1.0+ | < 1.0 |
| MW-111S | 12051 Stark | 8-13 | 5/21/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 12/28/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 3/6/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 5/16/2019 | < 2.0 B S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 9/17/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 11/14/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 2/18/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 5/21/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 8/11/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 11/3/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 2/23/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 5/7/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 8/5/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 11/9/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 2/10/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 5/13/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 8/16/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 11/15/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 2/28/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 5/3/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 8/4/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 10/30/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 J |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 2/19/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 5/8/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 8/5/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 11/6/2024 | < 2.0 [< 2.0] S | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] |
| MW-112S | 34935 Wadsworth | 2.5-12.5 | 5/6/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 12/26/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.7** |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 2/28/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.10 J | 1.4 |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 5/17/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2 J** |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 9/18/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.1** |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 11/14/2019 | 0.41 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.9** |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 2/11/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.77 J |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 8/19/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.3 |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 11/11/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.4** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte | | | | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Units | | | | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| Part 201 Residential DW Criteria[1] | | | | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| Part 201 GSI Criteria[2] | | | | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| EGLE Residential SSVIAC[3] | | | | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| Location: | Property Address: | Screen Interval (ft bgs): | Sample Date: | | | | | | | | |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 2/12/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.9 [2] |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 5/17/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.86 J [0.93 J] |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 8/10/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.77 J [0.91 J] |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 11/5/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.69 J [0.72 J] |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 2/23/2022 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.99 J [1.1] |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 5/9/2022 | < 2.0 [< 2.0 ] | V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 8/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 11/8/2022 | < 2.0 [< 2.0] | V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | 0.52 J [0.51 J] |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 3/15/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 5/11/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 8/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 11/2/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 2/27/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.72 J |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 8/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.87 J |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 11/11/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.3 |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 2/14/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.61 J |
| MW-115S | 12070 Boston Post | 2.5-12.5 | 5/5/2025 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 12/26/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 2/28/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.28 J | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 5/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 9/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 11/14/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 2/18/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 8/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 11/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 2/26/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 5/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 8/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 11/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 2/10/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 5/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 8/12/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 11/15/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 2/28/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 5/4/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 8/4/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 11/10/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 2/21/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 8/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 11/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 2/14/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-116S | 34851 Wadsworth | 3-13 | 4/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 12/26/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.29 J | 0.92 J |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 3/1/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.26 J | 0.66 J |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 5/16/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | 0.16 J [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.37 J [0.37 J] | 1.1 [0.98 J] |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.27 J | 0.54 J |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 11/15/2019 | < 2.0 | V | < 1.0 | < 1.0 | 0.28 J | < 1.0 | 0.57 J | 0.80 J |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.30 J | 0.90 J |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 8/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 11/11/2020 | < 2.0 | S | < 1.0 | 0.18 J | < 1.0 | < 1.0 | 0.30 J | 0.62 J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 2/12/2021 | < 2.0 | S | < 1.0 | 0.16 J | < 1.0 | < 1.0 | 0.36 J | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 5/17/2021 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | 0.30 J | 0.32 J |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 8/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.52 J | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 2/21/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 5/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.45 J | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 8/4/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 11/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 2/23/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 5/11/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 8/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 11/2/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 2/27/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 8/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 11/11/2024 | 3.9 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.77 J |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 2/14/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.82 J |
| MW-117S | 12089 Boston Post | 2.5-12.5 | 5/5/2025 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.79 J |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 12/27/2018 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.68 J [0.74 J] |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 3/1/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 5/15/2019 | < 2.0 B | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.50 J |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 11/14/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.84 J |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 8/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 11/11/2020 | 0.92 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.65 J |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 2/15/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 5/17/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.44 J |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 8/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 2/21/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 5/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 8/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 11/8/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 2/23/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 5/11/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 8/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 11/2/2023 | <2.0 | V | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 2/27/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 6/10/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 8/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.51 J |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 11/11/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.56 J |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 2/14/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.46 J |
| MW-118S | 12124 Boston Post | 2.5-12.5 | 5/5/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 12/27/2018 | < 2.0 | S | < 1.0 | 0.19 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 3/1/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 5/10/2019 | < 2.0 | S | < 1.0 | 0.16 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 9/16/2019 | < 2.0 | S | < 1.0 | 0.21 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 11/12/2019 | < 2.0 | V | < 1.0 | 0.31 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 2/19/2020 | < 2.0 | S | < 1.0 | 0.22 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 8/18/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 11/11/2020 | < 2.0 | S | < 1.0 | 0.19 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 2/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | 0.31 J | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 5/18/2021 | < 2.0 S | < 1.0 | 0.16 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 8/5/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 11/4/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 2/17/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 5/17/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 8/17/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 11/8/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 2/23/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 5/19/2023 | < 2.0 V | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 8/9/2023 | < 2.0 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 11/6/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 2/22/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 5/9/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.47 J | < 1.0 J |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 8/8/2024 | 2.3 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 11/12/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 2/25/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-119S | 12034 Boston Post | 2.5-12.5 | 5/7/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 12/27/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 2/28/2019 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 J [< 1.0 J] | < 1.0 [< 1.0 ] | < 1.0 J [< 1.0 J] | < 1.0 [< 1.0 ] |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 5/13/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 9/19/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 11/18/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 2/13/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 8/13/2020 | < 2.0 S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 11/9/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 5/11/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 8/19/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 11/4/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 2/16/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 5/11/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 8/3/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 11/7/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 3/2/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 5/17/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 8/3/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 11/6/2023 | <2.0 V | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 3/1/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 5/10/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 7/31/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 11/4/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 2/10/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-121S | 11710 Boston Post | 2.5-12.5 | 5/2/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-122 | Onsite | 16-21 | 9/25/2019 | 1.9 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.4** |
| MW-122 | Onsite | 16-21 | 11/20/2019 | 0.93 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.6** |
| MW-122 | Onsite | 16-21 | 2/13/2020 | 1.3 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.1** |
| MW-122 | Onsite | 16-21 | 8/12/2020 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.4 |
| MW-122 | Onsite | 16-21 | 11/5/2020 | 1.1 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.6** |
| MW-122 | Onsite | 16-21 | 2/24/2021 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 2.0 |
| MW-122 | Onsite | 16-21 | 5/21/2021 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.2** |
| MW-122 | Onsite | 16-21 | 11/17/2021 | <4.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.3** |
| MW-122 | Onsite | 16-21 | 5/20/2022 | <2.0J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-122 | Onsite | 16-21 | 11/10/2022 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.1** |
| MW-122 | Onsite | 16-21 | 5/5/2023 | <2.0 [0.87 J] S | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | **3.0 [2.7]** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-122 | Onsite | 16-21 | 11/15/2023 | 1.0 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.7** |
| MW-122 | Onsite | 16-21 | 5/23/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.3** |
| MW-122 | Onsite | 16-21 | 11/11/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.9** |
| MW-122 | Onsite | 16-21 | 5/20/2025 | 1.1 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.7** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 12/28/2018 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **4.6 [3.2]** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 3/7/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.4** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 9/16/2019 | 1.1 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.9** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 11/20/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-123S | 12075 Brewster | 2.5-12.5 | 2/5/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 |
| MW-123S | 12075 Brewster | 2.5-12.5 | 8/19/2020 | 1.0 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.4** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 11/5/2020 | 0.92 J S | < 1.0 J | 0.17 J | < 1.0 | < 1.0 | < 1.0 J | **3.1** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 2/10/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-123S | 12075 Brewster | 2.5-12.5 | 5/19/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.7** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 8/13/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-123S | 12075 Brewster | 2.5-12.5 | 11/8/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.8** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 2/24/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 2.0 |
| MW-123S | 12075 Brewster | 2.5-12.5 | 5/11/2022 | < 2.0 V | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-123S | 12075 Brewster | 2.5-12.5 | 8/18/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.7** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 11/14/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.2** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 2/22/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 5/3/2023 | < 2.0 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-123S | 12075 Brewster | 2.5-12.5 | 8/9/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.1** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 11/2/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-123S | 12075 Brewster | 2.5-12.5 | 2/29/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-123S | 12075 Brewster | 2.5-12.5 | 5/16/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.74 J |
| MW-123S | 12075 Brewster | 2.5-12.5 | 7/31/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.0 J** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 11/19/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** |
| MW-123S | 12075 Brewster | 2.5-12.5 | 2/18/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 |
| MW-123S | 12075 Brewster | 2.5-12.5 | 5/12/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125 | 35601 Veronica | 7-12 | 4/18/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125 | 35601 Veronica | 7-12 | 9/25/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125 | 35601 Veronica | 7-12 | 11/14/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125 | 35601 Veronica | 7-12 | 2/3/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125 | 35601 Veronica | 7-12 | 8/20/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125 | 35601 Veronica | 7-12 | 11/10/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125 | 35601 Veronica | 7-12 | 2/17/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125 | 35601 Veronica | 7-12 | 5/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125 | 35601 Veronica | 7-12 | 11/8/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125 | 35601 Veronica | 7-12 | 5/4/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125 | 35601 Veronica | 7-12 | 11/1/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-125 | 35601 Veronica | 7-12 | 5/17/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125S | 35601 Veronica | 2-7 | 4/18/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125S | 35601 Veronica | 2-7 | 9/25/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125S | 35601 Veronica | 2-7 | 11/14/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.19 J |
| MW-125S | 35601 Veronica | 2-7 | 2/4/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125S | 35601 Veronica | 2-7 | 8/20/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125S | 35601 Veronica | 2-7 | 11/10/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125S | 35601 Veronica | 2-7 | 2/17/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125S | 35601 Veronica | 2-7 | 5/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125S | 35601 Veronica | 2-7 | 11/8/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125S | 35601 Veronica | 2-7 | 5/4/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-125S | 35601 Veronica | 2-7 | 11/15/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 J |
| MW-125S | 35601 Veronica | 2-7 | 5/17/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-126S | 34966 Standish | 3-13 | 12/27/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 3/6/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 5/13/2019 | < 2.0 B | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 9/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 11/21/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 8/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 11/9/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 2/23/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 5/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 8/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 11/8/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 2/7/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 5/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 8/1/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 11/7/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 3/6/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 5/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 7/31/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 11/13/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-126S | 34966 Standish | 3-13 | 2/21/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 5/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 7/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 2/12/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-126S | 34966 Standish | 3-13 | 4/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-127S | 34424 Beacon | 3-13 | 12/28/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-127S | 34424 Beacon | 3-13 | 2/27/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-127S | 34424 Beacon | 3-13 | 5/16/2019 | < 2.0 B | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-127S | 34424 Beacon | 3-13 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.7** |
| MW-127S | 34424 Beacon | 3-13 | 11/21/2019 | 0.65 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.7** |
| MW-127S | 34424 Beacon | 3-13 | 2/7/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.43 J |
| MW-127S | 34424 Beacon | 3-13 | 8/24/2020 | 1.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 2.0 |
| MW-127S | 34424 Beacon | 3-13 | 11/3/2020 | 0.90 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | **2.2** |
| MW-127S | 34424 Beacon | 3-13 | 2/10/2021 | < 2.0 [0.92 J] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.1 [1.3] |
| MW-127S | 34424 Beacon | 3-13 | 5/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-127S | 34424 Beacon | 3-13 | 8/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 2.0 |
| MW-127S | 34424 Beacon | 3-13 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.3** |
| MW-127S | 34424 Beacon | 3-13 | 2/23/2022 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.4 [1.3] |
| MW-127S | 34424 Beacon | 3-13 | 5/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-127S | 34424 Beacon | 3-13 | 8/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.1** |
| MW-127S | 34424 Beacon | 3-13 | 11/8/2022 | < 2.0 [< 2.0] | V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | **2.8 [2.9]** |
| MW-127S | 34424 Beacon | 3-13 | 2/24/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-127S | 34424 Beacon | 3-13 | 5/2/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-127S | 34424 Beacon | 3-13 | 8/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-127S | 34424 Beacon | 3-13 | 11/9/2023 | <2.0 | V | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J | 1.4 J |
| MW-127S | 34424 Beacon | 3-13 | 3/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-127S | 34424 Beacon | 3-13 | 5/17/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-127S | 34424 Beacon | 3-13 | 8/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2 J** |
| MW-127S | 34424 Beacon | 3-13 | 11/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-127S | 34424 Beacon | 3-13 | 2/27/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-127S | 34424 Beacon | 3-13 | 5/8/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.94 J |
| MW-128S | 34360 Capitol | 4-14 | 12/27/2018 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-128S | 34360 Capitol | 4-14 | 3/6/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 5/22/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 9/20/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 11/21/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 2/10/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 5/20/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 8/4/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 11/19/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 2/23/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 5/5/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 8/13/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 11/15/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 3/1/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 5/13/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 8/10/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 5/15/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 8/14/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 11/7/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-128S | 34360 Capitol | 4-14 | 3/1/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 5/15/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 8/8/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 11/19/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 2/24/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-128S | 34360 Capitol | 4-14 | 5/7/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129 | 35601 Veronica | 10-15 | 4/18/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129 | 35601 Veronica | 10-15 | 9/24/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129 | 35601 Veronica | 10-15 | 2/3/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129 | 35601 Veronica | 10-15 | 11/6/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129 | 35601 Veronica | 10-15 | 2/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129 | 35601 Veronica | 10-15 | 5/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129 | 35601 Veronica | 10-15 | 11/4/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129 | 35601 Veronica | 10-15 | 5/5/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129 | 35601 Veronica | 10-15 | 11/13/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-129 | 35601 Veronica | 10-15 | 5/17/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129S | 35601 Veronica | 2-7 | 4/18/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129S | 35601 Veronica | 2-7 | 9/23/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129S | 35601 Veronica | 2-7 | 11/19/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129S | 35601 Veronica | 2-7 | 2/3/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129S | 35601 Veronica | 2-7 | 11/6/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129S | 35601 Veronica | 2-7 | 2/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129S | 35601 Veronica | 2-7 | 5/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129S | 35601 Veronica | 2-7 | 11/4/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129S | 35601 Veronica | 2-7 | 5/4/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-129S | 35601 Veronica | 2-7 | 11/13/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-129S | 35601 Veronica | 2-7 | 5/17/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-130S | 34600 Beacon | 3-13 | 12/28/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-130S | 34600 Beacon | 3-13 | 3/6/2019 | < 2.0 S | < 1.0 | 0.18 J | < 1.0 B | < 1.0 | < 1.0 B | 1.1 |
| MW-130S | 34600 Beacon | 3-13 | 5/13/2019 | < 2.0 B S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.97 J |
| MW-130S | 34600 Beacon | 3-13 | 9/20/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-130S | 34600 Beacon | 3-13 | 11/18/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-130S | 34600 Beacon | 3-13 | 2/10/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.3 |
| MW-130S | 34600 Beacon | 3-13 | 2/24/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.51 J |
| MW-130S | 34600 Beacon | 3-13 | 5/7/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-130S | 34600 Beacon | 3-13 | 8/6/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-130S | 34600 Beacon | 3-13 | 11/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.3** |
| MW-130S | 34600 Beacon | 3-13 | 2/28/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-130S | 34600 Beacon | 3-13 | 5/2/2022 | < 2.0 | V | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-130S | 34600 Beacon | 3-13 | 8/8/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.1** |
| MW-130S | 34600 Beacon | 3-13 | 3/7/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-130S | 34600 Beacon | 3-13 | 5/16/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 |
| MW-130S | 34600 Beacon | 3-13 | 8/11/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** |
| MW-130S | 34600 Beacon | 3-13 | 11/8/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.4** |
| MW-130S | 34600 Beacon | 3-13 | 2/26/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-130S | 34600 Beacon | 3-13 | 5/10/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-130S | 34600 Beacon | 3-13 | 7/31/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.5 J** |
| MW-130S | 34600 Beacon | 3-13 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.5** |
| MW-130S | 34600 Beacon | 3-13 | 2/17/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.1** |
| MW-130S | 34600 Beacon | 3-13 | 5/9/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 12/26/2018 | 1.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.98 J |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 2/26/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.69 J |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 5/14/2019 | 1.3 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.85 J |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 9/16/2019 | 1.3 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.87 J |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 11/12/2019 | 0.52 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 2/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.52 J |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 5/19/2020 | 1.1 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 8/17/2020 | 1.1 J [0.95 J] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1 [0.91 J] |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 11/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.63 J |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 2/26/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 5/18/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.99 J [0.77 J] |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 8/18/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.82 J [0.76 J] |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 11/2/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.53 J [0.51 J] |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 2/9/2022 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.75 J [0.78 J] |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 5/5/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 8/18/2022 | < 2.0 [< 2.0 ] | V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.63 J [0.66 J] |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 10/31/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.61 J |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 3/2/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 5/9/2023 | < 2.0 J [< 2.0 J] | V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [0.45 J] |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 8/14/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 11/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 3/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.57 J |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 8/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 11/14/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 2/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-131S | 34414 Rosati ROW | 2.5-12.5 | 5/2/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 12/26/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 2/26/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 5/14/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 9/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 11/12/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 2/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 8/13/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 11/18/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 2/26/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 5/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 8/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| Location: | Property Address: | Screen Interval (ft bgs): | Sample Date: | | | | | | | |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 11/2/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 2/8/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 5/5/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 8/18/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 10/31/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 3/2/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 5/9/2023 | < 2.0 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 8/11/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 11/2/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 2/28/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 5/9/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 8/7/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 11/14/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 2/27/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-132S | 34400 Rosati ROW | 2.5-12.5 | 5/2/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 2/14/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 5/23/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 9/17/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 11/7/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 2/10/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 8/10/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 11/4/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 2/22/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 5/10/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 8/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 11/5/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 2/22/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 5/9/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 8/18/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 11/3/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 3/2/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 5/8/2023 | < 2.0 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 8/10/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 11/20/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 2/21/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 5/15/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 8/8/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 11/15/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 2/18/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-133S | 12069 Stark ROW | 4-9 | 5/8/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 2/14/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 5/20/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 9/17/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 11/5/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 2/11/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.38 J |
| MW-134S | 12051 Stark ROW | 5-10 | 8/7/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 11/4/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 2/19/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 5/10/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 8/19/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 11/9/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 2/15/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 5/13/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 8/17/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-134S | 12051 Stark ROW | 5-10 | 11/2/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 3/16/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 5/8/2023 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 8/8/2023 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 11/6/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 3/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 5/14/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 8/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-134S | 12051 Stark ROW | 5-10 | 11/18/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 2/24/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-134S | 12051 Stark ROW | 5-10 | 5/21/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 2/14/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 5/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 9/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 11/5/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 8/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 11/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 2/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 5/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 8/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 2/11/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 5/19/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 8/15/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 3/14/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 5/1/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 11/6/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 3/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 5/20/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 8/12/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 11/18/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 2/24/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-135S | 12033 Stark ROW | 5-10 | 5/21/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 2/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 5/22/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.96 J |
| MW-136S | 34401 Capitol ROW | 2-7 | 11/13/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 2/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 8/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 11/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-136S | 34401 Capitol ROW | 2-7 | 2/15/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 5/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 8/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 11/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 3/3/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 5/18/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 8/15/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.88 J |
| MW-136S | 34401 Capitol ROW | 2-7 | 11/15/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.2** |
| MW-136S | 34401 Capitol ROW | 2-7 | 2/24/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 5/15/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 7/31/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 11/8/2023 | 0.91 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.84 J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-136S | 34401 Capitol ROW | 2-7 | 3/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 5/9/2024 | < 2.0 J | S | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-136S | 34401 Capitol ROW | 2-7 | 8/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.51 J |
| MW-136S | 34401 Capitol ROW | 2-7 | 11/22/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-136S | 34401 Capitol ROW | 2-7 | 2/27/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-136S | 34401 Capitol ROW | 2-7 | 5/8/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-137S | 12088 Brewster ROW | 2-7 | 2/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-137S | 12088 Brewster ROW | 2-7 | 5/13/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.91 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 9/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-137S | 12088 Brewster ROW | 2-7 | 11/5/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.50 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 2/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.27 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-137S | 12088 Brewster ROW | 2-7 | 8/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.54 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 11/5/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.43 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 2/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.33 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 5/20/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.70 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 8/16/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-137S | 12088 Brewster ROW | 2-7 | 11/8/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.65 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 2/25/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-137S | 12088 Brewster ROW | 2-7 | 5/20/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.63 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 8/15/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-137S | 12088 Brewster ROW | 2-7 | 11/17/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.73 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 2/23/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-137S | 12088 Brewster ROW | 2-7 | 5/4/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-137S | 12088 Brewster ROW | 2-7 | 8/9/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.56 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 10/30/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-137S | 12088 Brewster ROW | 2-7 | 2/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.49 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 5/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-137S | 12088 Brewster ROW | 2-7 | 7/31/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 11/13/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.50 J |
| MW-137S | 12088 Brewster ROW | 2-7 | 2/25/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-137S | 12088 Brewster ROW | 2-7 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-138S | 34424 Beacon ROW | 2-7 | 2/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | 1.7 |
| MW-138S | 34424 Beacon ROW | 2-7 | 5/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-138S | 34424 Beacon ROW | 2-7 | 9/23/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.4 [1.6] |
| MW-138S | 34424 Beacon ROW | 2-7 | 11/15/2019 | < 2.0 [< 2.0 ] | V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 J [< 1.0 J] | < 1.0 [< 1.0 ] | 1.2 [0.96 J] |
| MW-138S | 34424 Beacon ROW | 2-7 | 2/12/2020 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.3 [1.3] |
| MW-138S | 34424 Beacon ROW | 2-7 | 5/26/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.8** |
| MW-138S | 34424 Beacon ROW | 2-7 | 8/5/2020 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.1 [2]** |
| MW-138S | 34424 Beacon ROW | 2-7 | 11/12/2020 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.8 [1.8] |
| MW-138S | 34424 Beacon ROW | 2-7 | 2/10/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.3 [1.3] |
| MW-138S | 34424 Beacon ROW | 2-7 | 5/18/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.2 [2.2]** |
| MW-138S | 34424 Beacon ROW | 2-7 | 8/19/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.9 [1.9] |
| MW-138S | 34424 Beacon ROW | 2-7 | 11/5/2021 | 0.89 J [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.3 [1.3] |
| MW-138S | 34424 Beacon ROW | 2-7 | 2/21/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-138S | 34424 Beacon ROW | 2-7 | 5/20/2022 | < 2.0 [< 2.0 ] | V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.6 [1.5] |
| MW-138S | 34424 Beacon ROW | 2-7 | 8/17/2022 | < 2.0 [< 2.0 ] | V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.2 [2.3]** |
| MW-138S | 34424 Beacon ROW | 2-7 | 11/8/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-138S | 34424 Beacon ROW | 2-7 | 3/15/2023 | < 2.0 [< 2.0] | V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | 1.1 [1.1 ] |
| MW-138S | 34424 Beacon ROW | 2-7 | 5/2/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-138S | 34424 Beacon ROW | 2-7 | 8/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.98 J |
| MW-138S | 34424 Beacon ROW | 2-7 | 11/6/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-138S | 34424 Beacon ROW | 2-7 | 2/28/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.89 J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-138S | 34424 Beacon ROW | 2-7 | 5/17/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-138S | 34424 Beacon ROW | 2-7 | 7/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.98 J |
| MW-138S | 34424 Beacon ROW | 2-7 | 11/13/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-138S | 34424 Beacon ROW | 2-7 | 2/19/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.75 J |
| MW-138S | 34424 Beacon ROW | 2-7 | 5/8/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.83 J |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 2/26/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 5/9/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 9/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 11/13/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 8/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 11/16/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 2/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 5/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 8/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 2/16/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 5/17/2022 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0] |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 8/1/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 11/11/2022 | < 2.0 [< 2.0] | S | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 2/23/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 5/15/2023 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 8/1/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 11/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 2/27/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 8/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 11/11/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 2/17/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-139S | 12066 Boston Post (Beacon ROW) | 2-7 | 4/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 2/26/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 5/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 11/12/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 2/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 8/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 11/16/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 2/15/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 5/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 8/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 2/22/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 5/17/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 8/19/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 11/11/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 2/23/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 5/15/2023 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 8/1/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 11/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 2/27/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 8/6/2024 | < 2.0 J | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-140S | 12067 Boston Post ROW | 2-7 | 11/11/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 2/17/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-140S | 12067 Boston Post ROW | 2-7 | 4/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 2/27/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 5/15/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 9/18/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-141S | 12124 Boston Post ROW | 3-8 | 11/13/2019 | < 2.0 [< 2.0 ] | V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-141S | 12124 Boston Post ROW | 3-8 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 8/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 11/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 2/15/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 5/17/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 8/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 2/22/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 5/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 8/3/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 2/23/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 5/11/2023 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-141S | 12124 Boston Post ROW | 3-8 | 8/1/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 11/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 2/27/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 8/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-141S | 12124 Boston Post ROW | 3-8 | 11/11/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 2/14/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-141S | 12124 Boston Post ROW | 3-8 | 5/5/2025 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 2/25/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 5/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 9/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 11/13/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 2/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 8/14/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 11/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 2/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 5/14/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 8/13/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 11/2/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 2/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 5/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 8/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 11/1/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 3/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 5/8/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 8/7/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 11/20/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 2/22/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 5/13/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 8/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 11/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 2/17/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-142S | 34426 Rosati ROW | 2.5-7.5 | 5/8/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-143S | 12069 Stark | 5.5-10.5 | 2/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 5/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 11/26/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 2/7/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 5/26/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 8/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 11/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 2/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 5/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 8/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 2/15/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 5/6/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 8/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 11/2/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 3/8/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 5/8/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 8/10/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 11/20/2023 | 1.2 J | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 2/26/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-143S | 12069 Stark | 5.5-10.5 | 5/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 8/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 11/13/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 2/18/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-143S | 12069 Stark | 5.5-10.5 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 3/12/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 5/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 11/26/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 5/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 8/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 11/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 2/22/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 5/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 8/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 2/15/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 5/19/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 8/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 11/2/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 3/7/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 5/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 8/8/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 3/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 5/14/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 8/2/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 11/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 2/25/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-144S | 12033 Stark | 7-12 | 5/21/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 2/20/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-145S | 12087 Stark | 6-11 | 5/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-145S | 12087 Stark | 6-11 | 11/25/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 2/7/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 5/22/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 8/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 11/19/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-145S | 12087 Stark | 6-11 | 2/15/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 5/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 8/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 11/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 3/2/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 5/19/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 3/14/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 5/15/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 3/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 5/17/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 11/18/2024 | < 2.0 | S | < 1.0 | < 1.0+ | < 1.0 | < 1.0 | < 1.0+ | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 2/24/2025 | < 2.0 | S | < 1.0 | < 1.0+ | < 1.0 | < 1.0 | < 1.0+ | < 1.0 |
| MW-145S | 12087 Stark | 6-11 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 2/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.23 J |
| MW-146S | 34367 Capitol | 6-11 | 5/14/2019 | < 2.0 B | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.20 J |
| MW-146S | 34367 Capitol | 6-11 | 9/17/2019 | 1.1 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.20 J |
| MW-146S | 34367 Capitol | 6-11 | 11/25/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.39 J |
| MW-146S | 34367 Capitol | 6-11 | 2/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 8/20/2020 | 1.9 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 11/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.46 J |
| MW-146S | 34367 Capitol | 6-11 | 2/15/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 5/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.21 J |
| MW-146S | 34367 Capitol | 6-11 | 8/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 11/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 2/28/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 5/19/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 8/15/2022 | 0.93 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 11/15/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 2/28/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 5/4/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 8/14/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 11/10/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-146S | 34367 Capitol | 6-11 | 3/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 8/14/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 11/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 2/24/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-146S | 34367 Capitol | 6-11 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-147S | 34401 Capitol | 2-7 | 2/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.38 J |
| MW-147S | 34401 Capitol | 2-7 | 5/15/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-147S | 34401 Capitol | 2-7 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.82 J |
| MW-147S | 34401 Capitol | 2-7 | 11/25/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.64 J |
| MW-147S | 34401 Capitol | 2-7 | 2/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-147S | 34401 Capitol | 2-7 | 8/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-147S | 34401 Capitol | 2-7 | 9/11/2020 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-147S | 34401 Capitol | 2-7 | 11/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.3 |
| MW-147S | 34401 Capitol | 2-7 | 2/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.82 J |
| MW-147S | 34401 Capitol | 2-7 | 5/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 |
| MW-147S | 34401 Capitol | 2-7 | 8/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-147S | 34401 Capitol | 2-7 | 11/11/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-147S | 34401 Capitol | 2-7 | 3/2/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-147S | 34401 Capitol | 2-7 | 5/20/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.73 J |
| MW-147S | 34401 Capitol | 2-7 | 8/15/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.59 J |
| MW-147S | 34401 Capitol | 2-7 | 11/18/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-147S | 34401 Capitol | 2-7 | 2/24/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-147S | 34401 Capitol | 2-7 | 5/1/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-147S | 34401 Capitol | 2-7 | 7/31/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.54 J |
| MW-147S | 34401 Capitol | 2-7 | 11/10/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-147S | 34401 Capitol | 2-7 | 3/1/2024 | < 2.0 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-147S | 34401 Capitol | 2-7 | 5/9/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-147S | 34401 Capitol | 2-7 | 7/31/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.57 J |
| MW-147S | 34401 Capitol | 2-7 | 11/18/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 |
| MW-147S | 34401 Capitol | 2-7 | 3/3/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-147S | 34401 Capitol | 2-7 | 5/8/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-148S | 12088 Brewster | 2-7 | 2/23/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.94 J |
| MW-148S | 12088 Brewster | 2-7 | 5/15/2019 | < 2.0 B S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.76 J |
| MW-148S | 12088 Brewster | 2-7 | 9/20/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** |
| MW-148S | 12088 Brewster | 2-7 | 11/5/2019 | 0.48 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** |
| MW-148S | 12088 Brewster | 2-7 | 2/4/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.22 J |
| MW-148S | 12088 Brewster | 2-7 | 8/21/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-148S | 12088 Brewster | 2-7 | 11/10/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.3** |
| MW-148S | 12088 Brewster | 2-7 | 2/11/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-148S | 12088 Brewster | 2-7 | 5/19/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-148S | 12088 Brewster | 2-7 | 8/12/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 |
| MW-148S | 12088 Brewster | 2-7 | 11/9/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-148S | 12088 Brewster | 2-7 | 2/25/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-148S | 12088 Brewster | 2-7 | 5/10/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.64 J |
| MW-148S | 12088 Brewster | 2-7 | 8/12/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 |
| MW-148S | 12088 Brewster | 2-7 | 11/14/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.1** |
| MW-148S | 12088 Brewster | 2-7 | 2/23/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-148S | 12088 Brewster | 2-7 | 5/4/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-148S | 12088 Brewster | 2-7 | 8/8/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-148S | 12088 Brewster | 2-7 | 11/6/2023 | <2.0 V | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J | **2.2 J** |
| MW-148S | 12088 Brewster | 2-7 | 2/29/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.56 J |
| MW-148S | 12088 Brewster | 2-7 | 5/9/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-148S | 12088 Brewster | 2-7 | 7/31/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.80 J |
| MW-148S | 12088 Brewster | 2-7 | 11/13/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-148S | 12088 Brewster | 2-7 | 2/27/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.50 J |
| MW-148S | 12088 Brewster | 2-7 | 5/12/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-149S | 34450 Beacon | 2-7 | 2/21/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-149S | 34450 Beacon | 2-7 | 9/18/2019 | 0.96 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-149S | 34450 Beacon | 2-7 | 11/21/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.1** |
| MW-149S | 34450 Beacon | 2-7 | 2/7/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-149S | 34450 Beacon | 2-7 | 8/24/2020 | 1.1 J [1.1 J] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.3 [2.2]** |
| MW-149S | 34450 Beacon | 2-7 | 11/3/2020 | 0.88 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | **2.5** |
| MW-149S | 34450 Beacon | 2-7 | 2/11/2021 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.7 [< 1.7] |
| MW-149S | 34450 Beacon | 2-7 | 5/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.5** |
| MW-149S | 34450 Beacon | 2-7 | 8/11/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-149S | 34450 Beacon | 2-7 | 11/8/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-149S | 34450 Beacon | 2-7 | 5/17/2022 | < 2.0 [< 2.0 ] V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.4 [1.4] |
| MW-149S | 34450 Beacon | 2-7 | 8/12/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.6** |
| MW-149S | 34450 Beacon | 2-7 | 11/9/2022 | < 2.0 [< 2.0] V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | **2.5 [2.7]** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-149S | 34450 Beacon | 2-7 | 3/16/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.93 J |
| MW-149S | 34450 Beacon | 2-7 | 5/2/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-149S | 34450 Beacon | 2-7 | 8/8/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-149S | 34450 Beacon | 2-7 | 11/2/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.6 |
| MW-149S | 34450 Beacon | 2-7 | 2/29/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-149S | 34450 Beacon | 2-7 | 5/17/2024 | < 2.0 B S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-149S | 34450 Beacon | 2-7 | 8/8/2024 | < 2.0 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-149S | 34450 Beacon | 2-7 | 11/19/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.91 J |
| MW-149S | 34450 Beacon | 2-7 | 2/18/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-149S | 34450 Beacon | 2-7 | 5/8/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-150S | 34380 Beacon | 2-7 | 2/25/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.46 J |
| MW-150S | 34380 Beacon | 2-7 | 5/22/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-150S | 34380 Beacon | 2-7 | 9/19/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.35 J |
| MW-150S | 34380 Beacon | 2-7 | 11/21/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.50 J |
| MW-150S | 34380 Beacon | 2-7 | 2/7/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-150S | 34380 Beacon | 2-7 | 8/25/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-150S | 34380 Beacon | 2-7 | 11/3/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | 0.37 J |
| MW-150S | 34380 Beacon | 2-7 | 2/11/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.35 J |
| MW-150S | 34380 Beacon | 2-7 | 5/18/2021 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.32 J [0.36 J] |
| MW-150S | 34380 Beacon | 2-7 | 8/11/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.72 J |
| MW-150S | 34380 Beacon | 2-7 | 11/8/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.95 J |
| MW-150S | 34380 Beacon | 2-7 | 2/23/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-150S | 34380 Beacon | 2-7 | 5/13/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-150S | 34380 Beacon | 2-7 | 8/19/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-150S | 34380 Beacon | 2-7 | 11/9/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.68 J |
| MW-150S | 34380 Beacon | 2-7 | 3/16/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-150S | 34380 Beacon | 2-7 | 5/3/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-150S | 34380 Beacon | 2-7 | 8/8/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-150S | 34380 Beacon | 2-7 | 11/8/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.80 J |
| MW-150S | 34380 Beacon | 2-7 | 2/29/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.45 J |
| MW-150S | 34380 Beacon | 2-7 | 5/20/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.60 J |
| MW-150S | 34380 Beacon | 2-7 | 8/8/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-150S | 34380 Beacon | 2-7 | 11/19/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.96 J |
| MW-150S | 34380 Beacon | 2-7 | 2/21/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.96 J |
| MW-150S | 34380 Beacon | 2-7 | 5/12/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.85 J |
| MW-151S | 12091 Brewster | 2.5-7.5 | 2/23/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-151S | 12091 Brewster | 2.5-7.5 | 5/21/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.92 J |
| MW-151S | 12091 Brewster | 2.5-7.5 | 11/20/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-151S | 12091 Brewster | 2.5-7.5 | 2/4/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.67 J |
| MW-151S | 12091 Brewster | 2.5-7.5 | 8/24/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-151S | 12091 Brewster | 2.5-7.5 | 11/9/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | **2.2** |
| MW-151S | 12091 Brewster | 2.5-7.5 | 2/10/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.76 J |
| MW-151S | 12091 Brewster | 2.5-7.5 | 5/19/2021 | < 2.0 S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-151S | 12091 Brewster | 2.5-7.5 | 8/12/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-151S | 12091 Brewster | 2.5-7.5 | 11/9/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-151S | 12091 Brewster | 2.5-7.5 | 2/24/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.60 J |
| MW-151S | 12091 Brewster | 2.5-7.5 | 5/13/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-151S | 12091 Brewster | 2.5-7.5 | 8/10/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.90 J |
| MW-151S | 12091 Brewster | 2.5-7.5 | 11/14/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-151S | 12091 Brewster | 2.5-7.5 | 3/15/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-151S | 12091 Brewster | 2.5-7.5 | 5/3/2023 | < 2.0 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-151S | 12091 Brewster | 2.5-7.5 | 8/9/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.97 J |
| MW-151S | 12091 Brewster | 2.5-7.5 | 11/6/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-151S | 12091 Brewster | 2.5-7.5 | 3/4/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.70 J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-151S | 12091 Brewster | 2.5-7.5 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.77 J |
| MW-151S | 12091 Brewster | 2.5-7.5 | 7/31/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 J |
| MW-151S | 12091 Brewster | 2.5-7.5 | 11/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 |
| MW-151S | 12091 Brewster | 2.5-7.5 | 2/19/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.96 J |
| MW-151S | 12091 Brewster | 2.5-7.5 | 5/12/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.58 J |
| MW-152S | 34550 Beacon | 2.5-7.5 | 2/21/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 5/14/2019 | < 2.0 B | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 9/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.34 J |
| MW-152S | 34550 Beacon | 2.5-7.5 | 11/18/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.35 J |
| MW-152S | 34550 Beacon | 2.5-7.5 | 2/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 8/25/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 11/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | 0.38 J |
| MW-152S | 34550 Beacon | 2.5-7.5 | 2/24/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 5/14/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 8/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 11/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-152S | 34550 Beacon | 2.5-7.5 | 2/28/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 5/4/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 8/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 3/7/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 5/9/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 8/16/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 11/9/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 2/28/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 5/10/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 7/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 11/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 2/21/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-152S | 34550 Beacon | 2.5-7.5 | 5/9/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 2/21/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 5/10/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 9/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 11/19/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 2/7/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 11/2/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 2/17/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 5/7/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 8/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 11/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 2/23/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 5/2/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 8/8/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 11/7/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 3/15/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 5/16/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 8/11/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 11/13/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-153S | 34644 Beacon | 2-7 | 2/26/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 5/14/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 8/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-153S | 34644 Beacon | 2-7 | 11/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 2/17/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-153S | 34644 Beacon | 2-7 | 5/5/2025 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 2/21/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-154S | 34682 Beacon | 2-7 | 5/14/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-154S | 34682 Beacon | 2-7 | 9/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 11/18/2019 | < 0.40 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 2/7/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 8/27/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 11/2/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 2/17/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 5/7/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 8/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 11/8/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 5/2/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 8/4/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 11/7/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 3/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 5/16/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 8/11/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 11/3/2023 | <2.0 | V | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J |
| MW-154S | 34682 Beacon | 2-7 | 5/14/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 8/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 11/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 3/5/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | 0.61 J | < 1.0 | < 1.0 |
| MW-154S | 34682 Beacon | 2-7 | 5/5/2025 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 2/26/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-155S | 12066 Boston Post | 2-7 | 5/9/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 9/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 11/13/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 8/26/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-155S | 12066 Boston Post | 2-7 | 11/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 2/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 5/17/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 8/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 11/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-155S | 12066 Boston Post | 2-7 | 2/18/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 5/9/2022 | < 2.0 [< 2.0 ] | V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-155S | 12066 Boston Post | 2-7 | 8/15/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 11/9/2022 | < 2.0 [< 2.0] | V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] |
| MW-155S | 12066 Boston Post | 2-7 | 3/8/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 5/16/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 8/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 11/2/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 2/26/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-155S | 12066 Boston Post | 2-7 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-155S | 12066 Boston Post | 2-7 | 8/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 11/11/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 2/12/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-155S | 12066 Boston Post | 2-7 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 1/8/2016 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 1/20/2016 | NA | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 4/26/2017 | NA | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 8/1/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 11/15/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 2/6/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 5/15/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 8/7/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 11/1/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 3/2/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 6/15/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 9/28/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 11/23/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 2/8/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 8/15/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 11/14/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 2/13/2021 | < 2.0 | < 1.0 | 0.42 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 5/15/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 11/6/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 5/14/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 11/12/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 5/18/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 11/14/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 5/21/2024 | 1.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 11/21/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-15-61D | Onsite (behind 11853 Belden) | 88-93 | 4/30/2025 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 2/27/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 5/17/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 9/19/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 11/14/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 2/11/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 8/19/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 11/10/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 2/15/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.14 J | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 5/17/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 8/10/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 11/5/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 2/18/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 5/9/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 8/10/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 2/23/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 5/11/2023 | < 2.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 8/1/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 11/2/2023 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 2/27/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 5/9/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-156S | 12100 Boston Post | 3-8 | 8/14/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 11/11/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 2/14/2025 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-156S | 12100 Boston Post | 3-8 | 5/5/2025 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 2/26/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 5/16/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 9/19/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 11/15/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 2/11/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 8/19/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 11/11/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 2/12/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 5/17/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 8/10/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 11/5/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 2/24/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 5/17/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 8/1/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 2/23/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 5/17/2023 | < 2.0 V | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 8/1/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 2/27/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 5/9/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 8/6/2024 | < 2.0 J S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 11/11/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 2/12/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-157S | 12067 Boston Post | 2.5-7.5 | 4/28/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 2/22/2019 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-158S | 34950 Beacon | 2.5-7.5 | 5/10/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 9/23/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 11/15/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 2/20/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 8/20/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 11/9/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 2/17/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 5/4/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 8/4/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 11/4/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 2/10/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 5/9/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 8/3/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 11/16/2022 | **63** V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 3/1/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 5/3/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 8/8/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 11/9/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 2/28/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 5/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 8/1/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 11/12/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 2/19/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-158S | 34950 Beacon | 2.5-7.5 | 5/6/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 2/22/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 5/9/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 9/23/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 11/14/2019 | < 2.0 V | < 1.0 | 0.26 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 2/19/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 8/21/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 11/9/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 2/17/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 5/5/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 8/5/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 11/3/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 2/11/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 5/17/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 8/3/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 11/17/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 3/2/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-159S | 34920 Beacon | 4-9 | 5/17/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 8/9/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 11/9/2023 | <2.0 J | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-159S | 34920 Beacon | 4-9 | 2/26/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-159S | 34920 Beacon | 4-9 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 8/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 11/11/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 2/20/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-159S | 34920 Beacon | 4-9 | 5/2/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 2/27/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 5/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 11/14/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 2/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 8/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 2/21/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 5/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 8/1/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 2/23/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 5/16/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 8/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 11/2/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 2/27/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 8/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 2/14/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-160S | 34403 Rosati (near 12141 Boston Post) | 4-9 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 2/27/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 5/9/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 9/24/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 11/12/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 2/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 8/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 5/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 8/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 11/3/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 2/17/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 5/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 8/19/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 2/23/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 5/5/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 8/7/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 2/22/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-161S | 34851 Beacon | 2.5-7.5 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 8/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 2/21/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-161S | 34851 Beacon | 2.5-7.5 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 2/28/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 5/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-162S | 12017 Brewster | 3-8 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 11/20/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 2/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 8/24/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 11/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 2/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 5/14/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 8/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 11/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-162S | 12017 Brewster | 3-8 | 2/28/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 5/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 8/5/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 11/8/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 2/24/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 5/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 8/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 2/27/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-162S | 12017 Brewster | 3-8 | 7/31/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 11/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 2/21/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-162S | 12017 Brewster | 3-8 | 4/30/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 2/28/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-163S | 34591 Beacon | 2-7 | 5/10/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 11/18/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 2/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 8/24/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 11/2/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 2/24/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 5/14/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 8/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 11/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 2/28/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 5/11/2022 | < 2.0 | V | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 8/8/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 11/7/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 2/24/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 5/17/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 8/14/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 2/26/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-163S | 34591 Beacon | 2-7 | 5/10/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 8/12/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 2/19/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-163S | 34591 Beacon | 2-7 | 5/9/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 2/22/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 5/10/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 11/13/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 2/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 5/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 8/13/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 11/9/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-164S | 34637 Beacon | 3-8 | 2/17/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 5/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 8/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 11/8/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 2/16/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 5/5/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 8/4/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 11/4/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 3/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 5/17/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 8/10/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 11/3/2023 | <2.0 | V | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J |
| MW-164S | 34637 Beacon | 3-8 | 3/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 5/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 8/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-164S | 34637 Beacon | 3-8 | 11/11/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 2/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-164S | 34637 Beacon | 3-8 | 5/5/2025 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 3/11/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 5/10/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 11/14/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 2/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 8/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 11/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 2/17/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 5/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 8/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 11/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-165S | 34669 Beacon | 2-7 | 2/11/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 5/4/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 8/4/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 3/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 5/17/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 8/9/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 11/7/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-165S | 34669 Beacon | 2-7 | 3/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 5/14/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 8/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-165S | 34669 Beacon | 2-7 | 11/11/2024 | 0.99 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 2/17/2025 | <2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-165S | 34669 Beacon | 2-7 | 5/5/2025 | <2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 3/12/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 5/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 9/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 11/25/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 2/7/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 5/26/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 8/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 11/19/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-166S | 12147 Stark | 6-11 | 2/25/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 5/6/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 8/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-166S | 12147 Stark | 6-11 | 11/15/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 2/22/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 5/19/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-166S | 12147 Stark | 6-11 | 8/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 11/1/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 3/15/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 5/4/2023 | < 2.0 | V | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-166S | 12147 Stark | 6-11 | 7/31/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 11/13/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 J |
| MW-166S | 12147 Stark | 6-11 | 2/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 5/14/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 7/31/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 11/18/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-166S | 12147 Stark | 6-11 | 2/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-166S | 12147 Stark | 6-11 | 5/2/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 2/25/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 5/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 9/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 11/26/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 2/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 5/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 8/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 11/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.13 J | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 2/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 5/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 8/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 11/2/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 2/15/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 5/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 8/12/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 11/7/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 3/10/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 5/9/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 8/14/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 11/16/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-167S | 12001 Stark | 5-10 | 2/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 8/12/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 11/22/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 2/27/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-167S | 12001 Stark | 5-10 | 5/20/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 2/25/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 5/15/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 9/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.38 J |
| MW-168S | 34480 Capitol | 2-7 | 11/15/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 2/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.21 J |
| MW-168S | 34480 Capitol | 2-7 | 8/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 11/9/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.25 J |
| MW-168S | 34480 Capitol | 2-7 | 2/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 5/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 8/16/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 11/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 2/28/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 5/20/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-168S | 34480 Capitol | 2-7 | 8/19/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.45 J |
| MW-168S | 34480 Capitol | 2-7 | 11/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 3/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 5/4/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 8/10/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 11/9/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-168S | 34480 Capitol | 2-7 | 2/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-168S | 34480 Capitol | 2-7 | 5/20/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 8/12/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 11/13/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 3/5/2025 | < 2.0 | S | < 1.0 | 0.93 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-168S | 34480 Capitol | 2-7 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 2/25/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.21 J |
| MW-169S | 34450 Capitol | 2-7 | 5/15/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 9/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.28 J |
| MW-169S | 34450 Capitol | 2-7 | 11/15/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | 0.18 J |
| MW-169S | 34450 Capitol | 2-7 | 2/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 8/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 11/9/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | 0.32 J |
| MW-169S | 34450 Capitol | 2-7 | 2/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 5/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 8/16/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 11/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 2/28/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 5/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 8/4/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 11/17/2022 | 1.1 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 3/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 5/4/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 8/10/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 11/1/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-169S | 34450 Capitol | 2-7 | 3/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 5/20/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 8/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 11/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 3/5/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-169S | 34450 Capitol | 2-7 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 3/6/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 5/10/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 9/24/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 11/13/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 2/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 8/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 11/5/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-170S | 34991 Beacon | 4.5-9.5 | 2/22/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 5/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 8/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 11/3/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 2/10/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 5/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 8/3/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 3/13/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-170S | 34991 Beacon | 4.5-9.5 | 5/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 8/8/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 11/1/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 2/28/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 5/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 8/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-170S | 34991 Beacon | 4.5-9.5 | 11/13/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 2/18/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-170S | 34991 Beacon | 4.5-9.5 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 2/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 5/13/2019 | < 2.0 B | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 9/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 11/19/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 2/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 8/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 11/9/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | 0.52 J |
| MW-171S | 12101 Brewster | 2-7 | 2/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 5/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.25 J |
| MW-171S | 12101 Brewster | 2-7 | 8/16/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 11/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 2/24/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 5/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 8/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 11/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 2/23/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 5/4/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 8/9/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 11/6/2023 | <2.0 | V | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J |
| MW-171S | 12101 Brewster | 2-7 | 2/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-171S | 12101 Brewster | 2-7 | 5/17/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 7/31/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-171S | 12101 Brewster | 2-7 | 11/13/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 2/19/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-171S | 12101 Brewster | 2-7 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 2/28/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | 0.21 J | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 5/13/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 9/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 11/18/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 2/17/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 8/13/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 11/9/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 2/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 5/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 8/2/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 11/1/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 2/15/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 5/11/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 8/1/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 11/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 3/13/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 5/17/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 8/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 11/1/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 3/1/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 5/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 7/31/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 11/4/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 2/21/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-172S | 11701 Boston Post | 4.5-9.5 | 4/30/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 2/28/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 5/13/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 9/20/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 11/13/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 2/14/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 8/25/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 11/9/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 2/9/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 5/12/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 8/20/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 11/10/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 2/15/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 5/18/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 8/1/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 11/16/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 3/15/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 5/17/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 8/3/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 11/1/2023 | <2.0 V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 2/19/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 5/10/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 7/31/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 11/4/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-173S | 11721 Boston Post | 5.5-10.5 | 2/10/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 2/28/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.14 J | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 5/13/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 9/24/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 11/12/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 2/10/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 8/13/2020 | < 2.0 S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 5/14/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 8/4/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 11/10/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 2/16/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 5/18/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 2/24/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 3/1/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 5/8/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 11/8/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 2/28/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-174S | 11865 Boston Post | 5.5-10.5 | 5/7/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-175S | 11921 Boston Post | 6-11 | 3/1/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-175S | 11921 Boston Post | 6-11 | 5/13/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-175S | 11921 Boston Post | 6-11 | 9/20/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-175S | 11921 Boston Post | 6-11 | 8/2/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 3/5/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 5/13/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-176S | 11845 Boston Post | 5-10 | 9/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 11/13/2019 | < 2.0 | V | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-176S | 11845 Boston Post | 5-10 | 2/14/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 8/13/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 11/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 2/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 5/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 8/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 11/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 2/16/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 5/11/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-176S | 11845 Boston Post | 5-10 | 8/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 11/8/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 2/24/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 5/5/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 8/8/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 11/1/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 2/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-176S | 11845 Boston Post | 5-10 | 5/10/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 8/2/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 2/13/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-176S | 11845 Boston Post | 5-10 | 5/2/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 3/5/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 5/15/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 11/14/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 2/13/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 8/18/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 11/16/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 2/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 5/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 8/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 11/1/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 2/28/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 + | < 1.0 + |
| MW-177S | 11866 Boston Post | 4-9 | 5/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 8/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 3/2/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 5/11/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 7/31/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 11/9/2023 | <2.0 J | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 2/22/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 8/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-177S | 11866 Boston Post | 4-9 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-177S | 11866 Boston Post | 4-9 | 2/20/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-177S | 11866 Boston Post | 4-9 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 3/4/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 5/15/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 11/14/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 2/13/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 8/18/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 11/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 2/17/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 5/14/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 8/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 11/8/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 2/16/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 5/11/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 8/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 11/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 3/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 5/5/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 8/7/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 11/21/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 J |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 2/21/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 5/10/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 8/2/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 11/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 2/20/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-178S | 11850 Boston Post | 4.5-9.5 | 5/2/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 3/4/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 5/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 9/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 11/12/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 2/17/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 8/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 11/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 2/23/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 5/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 8/3/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 11/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 2/14/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 5/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 8/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 11/15/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 3/8/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 5/4/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 8/7/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 11/1/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 2/21/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 7/31/2024 | 1.7 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-179S | 34870 Wadsworth | 6-11 | 11/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-179S | 34870 Wadsworth | 6-11 | 2/20/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-179S | 34870 Wadsworth | 6-11 | 4/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 3/12/2019 | 1.6 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 5/16/2019 | < 2.8 B | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 9/17/2019 | 1.2 J | S | < 1.0 | < 1.0 | 0.16 J | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 11/13/2019 | 1.8 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 2/18/2020 | 2.3 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 5/20/2020 | 1.1 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 8/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 11/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 2/23/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 5/7/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 8/6/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 11/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 2/10/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 5/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 8/8/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 11/15/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 2/28/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 5/4/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 8/4/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 11/1/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 2/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 7/31/2024 | < 2.0 | S | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 11/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 2/17/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-180SR | 34891 Wadsworth | 6.5-11.5 | 4/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 3/4/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 5/16/2019 | < 2.0 B | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 9/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 11/14/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 2/17/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 8/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 11/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 2/25/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 5/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 8/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 11/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 2/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 5/11/2022 | < 2.0 | V | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 8/2/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 11/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 3/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 5/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 8/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 10/30/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 2/21/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 5/6/2024 | < 2.0 [< 2.0] | S | < 1.0 [< 1.0 J] | < 1.0 [< 1.0 J] | < 1.0 [< 1.0 J] | < 1.0 [< 1.0 J] | < 1.0 [< 1.0 J] | < 1.0 [< 1.0 J] |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 11/4/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 2/20/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-181S | 34990 Wadsworth | 3.5-8.5 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 3/5/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-182S | 34766 Standish | 4-9 | 5/13/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 11/12/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 8/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 11/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 2/23/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 5/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 8/2/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 11/1/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 2/8/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 5/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 8/2/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-182S | 34766 Standish | 4-9 | 11/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 2/24/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 5/2/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 8/8/2023 | < 2.0 | V | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 11/13/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-182S | 34766 Standish | 4-9 | 2/21/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-182S | 34766 Standish | 4-9 | 5/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 8/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 3/3/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-182S | 34766 Standish | 4-9 | 4/30/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 3/1/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 5/13/2019 | < 2.0 B | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 9/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 11/21/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 8/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 11/9/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 2/23/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 5/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 8/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 11/8/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 2/7/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 5/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 8/1/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 11/7/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 3/6/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 5/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 7/31/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 11/13/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-183S | 34934 Standish | 8-13 | 2/22/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 5/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 8/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 11/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 2/12/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-183S | 34934 Standish | 8-13 | 4/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 3/11/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 5/15/2019 | < 2.0 B | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 9/24/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 11/11/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 8/18/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 2/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 5/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 8/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 11/3/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 2/17/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 5/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 8/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 3/13/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 5/19/2023 | < 2.0 | V | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 8/9/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 2/22/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 8/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 2/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-184S | 11981 Boston Post | 4.5-9.5 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 3/11/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 5/9/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 9/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 11/13/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 2/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 8/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 11/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 2/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 5/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 8/6/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 11/3/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 2/11/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 5/20/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 8/3/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 11/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 3/2/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 5/17/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 8/9/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 11/10/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-185S | 34921 Beacon | 6-11 | 2/26/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-185S | 34921 Beacon | 6-11 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 8/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 11/13/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 2/20/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-185S | 34921 Beacon | 6-11 | 5/8/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-186S | 12321 Stark | 2.5-7.5 | 4/12/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-186S | 12321 Stark | 2.5-7.5 | 9/24/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-186S | 12321 Stark | 2.5-7.5 | 11/11/2019 | < 0.40 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-186S | 12321 Stark | 2.5-7.5 | 2/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-186S | 12321 Stark | 2.5-7.5 | 8/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-186S | 12321 Stark | 2.5-7.5 | 11/23/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-186S | 12321 Stark | 2.5-7.5 | 2/23/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-186S | 12321 Stark | 2.5-7.5 | 5/21/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-186S | 12321 Stark | 2.5-7.5 | 11/8/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-186S | 12321 Stark | 2.5-7.5 | 5/19/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187 | 12335 Stark | 8-13 | 4/12/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187 | 12335 Stark | 8-13 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187 | 12335 Stark | 8-13 | 11/11/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187 | 12335 Stark | 8-13 | 2/7/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187 | 12335 Stark | 8-13 | 8/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187 | 12335 Stark | 8-13 | 11/23/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-187 | 12335 Stark | 8-13 | 2/22/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187 | 12335 Stark | 8-13 | 5/20/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187 | 12335 Stark | 8-13 | 11/2/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187 | 12335 Stark | 8-13 | 5/11/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187 | 12335 Stark | 8-13 | 11/1/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-187 | 12335 Stark | 8-13 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187S | 12335 Stark | 3-8 | 4/12/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

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**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-187S | 12335 Stark | 3-8 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187S | 12335 Stark | 3-8 | 11/11/2019 | 3.5 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187S | 12335 Stark | 3-8 | 2/7/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187S | 12335 Stark | 3-8 | 8/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187S | 12335 Stark | 3-8 | 11/23/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-187S | 12335 Stark | 3-8 | 2/22/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187S | 12335 Stark | 3-8 | 5/20/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187S | 12335 Stark | 3-8 | 11/2/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187S | 12335 Stark | 3-8 | 5/11/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-187S | 12335 Stark | 3-8 | 11/1/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-187S | 12335 Stark | 3-8 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-188S | 12421 Stark | 10-15 | 4/18/2019 | < 2.0 | S | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| MW-188S | 12421 Stark | 10-15 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-188S | 12421 Stark | 10-15 | 11/11/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-188S | 12421 Stark | 10-15 | 2/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-188S | 12421 Stark | 10-15 | 8/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-188S | 12421 Stark | 10-15 | 11/23/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-188S | 12421 Stark | 10-15 | 2/22/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-188S | 12421 Stark | 10-15 | 5/21/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-188S | 12421 Stark | 10-15 | 11/2/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-188S | 12421 Stark | 10-15 | 5/19/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-188S | 12421 Stark | 10-15 | 11/1/2023 | <2.0 | V | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J | <1.0 J |
| MW-188S | 12421 Stark | 10-15 | 5/17/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189 | 12641 Stark | 10-15 | 4/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189 | 12641 Stark | 10-15 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189 | 12641 Stark | 10-15 | 11/8/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189 | 12641 Stark | 10-15 | 2/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189 | 12641 Stark | 10-15 | 8/18/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189 | 12641 Stark | 10-15 | 11/19/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-189 | 12641 Stark | 10-15 | 2/17/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189 | 12641 Stark | 10-15 | 5/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189 | 12641 Stark | 10-15 | 11/3/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189 | 12641 Stark | 10-15 | 5/13/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189 | 12641 Stark | 10-15 | 11/15/2023 | <2.0 | V | <1.0 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 J |
| MW-189 | 12641 Stark | 10-15 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189S | 12641 Stark | 4.5-9.5 | 4/16/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-189S | 12641 Stark | 4.5-9.5 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189S | 12641 Stark | 4.5-9.5 | 11/8/2019 | **8** | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189S | 12641 Stark | 4.5-9.5 | 2/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189S | 12641 Stark | 4.5-9.5 | 8/18/2020 | < 4.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189S | 12641 Stark | 4.5-9.5 | 11/19/2020 | < 4.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-189S | 12641 Stark | 4.5-9.5 | 2/17/2021 | < 4.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189S | 12641 Stark | 4.5-9.5 | 5/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189S | 12641 Stark | 4.5-9.5 | 11/3/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189S | 12641 Stark | 4.5-9.5 | 5/13/2022 | < 4.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-189S | 12641 Stark | 4.5-9.5 | 11/15/2023 | < 4.0 | V | <1.0 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 J |
| MW-189S | 12641 Stark | 4.5-9.5 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190 | 12725 Fairlane | 9-14 | 4/19/2019 | < 2.0 | S | < 1.0 | 0.74 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190 | 12725 Fairlane | 9-14 | 9/19/2019 | < 2.0 | S | < 1.0 | 1.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190 | 12725 Fairlane | 9-14 | 11/8/2019 | < 2.0 | V | < 1.0 | 1.7 | < 1.0 | < 1.0 | < 1.0 | 0.34 J |
| MW-190 | 12725 Fairlane | 9-14 | 2/10/2020 | < 2.0 | S | < 1.0 | 0.86 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190 | 12725 Fairlane | 9-14 | 8/27/2020 | 1.1 J | S | < 1.0 | 2.2 J | < 1.0 J | < 1.0 | < 1.0 | 0.30 J |
| MW-190 | 12725 Fairlane | 9-14 | 11/18/2020 | < 2.0 | S | < 1.0 | 1.7 | < 1.0 | < 1.0 | < 1.0 | 0.28 J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-190 | 12725 Fairlane | 9-14 | 2/23/2021 | < 2.0 | S | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | 0.34 J |
| MW-190 | 12725 Fairlane | 9-14 | 5/19/2021 | < 2.0 | S | < 1.0 | 1.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190 | 12725 Fairlane | 9-14 | 11/3/2021 | < 2.0 | S | < 1.0 | 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190 | 12725 Fairlane | 9-14 | 5/16/2022 | 0.92 J | V | < 1.0 | 0.94 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190 | 12725 Fairlane | 9-14 | 11/14/2023 | <2.0 | V | <1.0 | 0.85 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-190 | 12725 Fairlane | 9-14 | 5/15/2024 | < 2.0 | S | < 1.0 | 0.66 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190S | 12725 Fairlane | 2.5-7.5 | 4/19/2019 | < 2.0 | S | < 1.0 | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190S | 12725 Fairlane | 2.5-7.5 | 9/19/2019 | < 2.0 | S | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190S | 12725 Fairlane | 2.5-7.5 | 11/8/2019 | < 2.0 | V | < 1.0 | 1.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190S | 12725 Fairlane | 2.5-7.5 | 2/10/2020 | < 2.0 | S | < 1.0 | 0.45 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190S | 12725 Fairlane | 2.5-7.5 | 8/27/2020 | < 2.0 | S | < 1.0 | 1.4 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-190S | 12725 Fairlane | 2.5-7.5 | 11/18/2020 | < 2.0 | S | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190S | 12725 Fairlane | 2.5-7.5 | 2/23/2021 | < 2.0 | S | < 1.0 | 0.53 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190S | 12725 Fairlane | 2.5-7.5 | 5/19/2021 | < 2.0 | S | < 1.0 | 0.64 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190S | 12725 Fairlane | 2.5-7.5 | 11/3/2021 | < 2.0 | S | < 1.0 | 0.77 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190S | 12725 Fairlane | 2.5-7.5 | 5/16/2022 | < 2.0 | V | < 1.0 | 0.54 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-190S | 12725 Fairlane | 2.5-7.5 | 11/14/2023 | <2.0 | V | <1.0 | 0.74 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-190S | 12725 Fairlane | 2.5-7.5 | 5/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-191S | 35015 Glendale | 2.5-7.5 | 4/22/2019 | < 2.0 | S | < 1.0 | 2.3 | < 1.0 | < 1.0 | 0.57 J | < 1.0 |
| MW-191S | 35015 Glendale | 2.5-7.5 | 9/17/2019 | < 2.0 | S | < 1.0 | 5.2 | < 1.0 | < 1.0 | 0.59 J | < 1.0 |
| MW-191S | 35015 Glendale | 2.5-7.5 | 11/19/2019 | < 2.0 | V | < 1.0 | 5.3 | < 1.0 | < 1.0 | 0.54 J | < 1.0 |
| MW-191S | 35015 Glendale | 2.5-7.5 | 2/17/2020 | < 2.0 | S | < 1.0 | 2.6 | < 1.0 | < 1.0 | 0.27 J | < 1.0 |
| MW-191S | 35015 Glendale | 2.5-7.5 | 8/27/2020 | 1.5 J | S | < 1.0 | 6.1 | < 1.0 | < 1.0 | 0.38 J | < 1.0 |
| MW-191S | 35015 Glendale | 2.5-7.5 | 11/23/2020 | < 2.0 | S | < 1.0 J | 5.6 | < 1.0 | < 1.0 | 0.38 J | < 1.0 J |
| MW-191S | 35015 Glendale | 2.5-7.5 | 2/22/2021 | < 2.0 | S | < 1.0 | 4.1 | < 1.0 | < 1.0 | 0.35 J | < 1.0 |
| MW-191S | 35015 Glendale | 2.5-7.5 | 5/21/2021 | < 2.0 | S | < 1.0 | 3.8 | < 1.0 | < 1.0 | 0.29 J | < 1.0 |
| MW-191S | 35015 Glendale | 2.5-7.5 | 11/4/2021 | < 2.0 | S | < 1.0 | 4.9 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-191S | 35015 Glendale | 2.5-7.5 | 5/19/2022 | < 2.0 | V | < 1.0 | 3 | < 1.0 | < 1.0 | 0.48 J | < 1.0 |
| MW-191S | 35015 Glendale | 2.5-7.5 | 11/16/2023 | <2.0 | V | <1.0 | 5.9 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-191S | 35015 Glendale | 2.5-7.5 | 5/15/2024 | < 2.0 | S | < 1.0 | 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 4/11/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 9/20/2019 | < 2.0 | S | < 1.0 | 0.34 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 11/15/2019 | < 2.0 | S | < 1.0 | 0.53 J | < 1.0 | < 1.0 J | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 8/5/2020 | < 2.0 | S | < 1.0 | 0.49 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 11/13/2020 | < 2.0 | S | < 1.0 | 0.31 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 2/9/2021 | < 2.0 | S | < 1.0 | 0.20 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 5/6/2021 | < 2.0 | S | < 1.0 | 0.32 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 8/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 11/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 2/18/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 5/19/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 8/5/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 11/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 2/27/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 5/1/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 8/3/2023 | < 2.0 [< 2.0] | S | < 1.0 [< 1.0] | 0.59 J [0.50 J] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 11/8/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 2/28/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 8/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 11/12/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 2/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-192S | 12036 Brewster (Beacon ROW) | 2.5-7.5 | 4/30/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 8/8/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 9/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 11/14/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 2/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 8/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 11/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 2/26/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 5/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 8/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 11/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 2/10/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 5/6/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 8/4/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 3/2/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 5/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 5/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 8/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 2/20/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-193S | 34940 Beacon | 3-8 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 2/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 5/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 8/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 11/19/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-207S | 12125 Stark | 4.5-9.5 | 2/22/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 5/7/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 8/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 11/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-207S | 12125 Stark | 4.5-9.5 | 2/22/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 5/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 8/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 3/15/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 5/4/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 7/31/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 3/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 7/31/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 2/21/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-207S | 12125 Stark | 4.5-9.5 | 5/2/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 2/8/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 5/30/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 8/15/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 11/14/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 2/13/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 5/15/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 8/28/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 11/6/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 2/19/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 5/14/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 8/6/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 11/12/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| Location: | Property Address: | Screen Interval (ft bgs): | Sample Date: | | | | | | | |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 3/9/2023 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 5/18/2023 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 8/15/2023 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 11/14/2023 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 3/7/2024 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 5/21/2024 | <2.0 | <1.0F | <1.0F | <1.0F | <1.0F | <1.0F | <1.0F |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 8/9/2024 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 11/20/2024 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 2/26/2025 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-208S | Onsite (behind 11675 Belden) | 9-14 | 5/9/2025 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 2/8/2020 | <2.0 | <1.0 | 0.17 J | <1.0 | <1.0 | <1.0 | 0.29 J |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 5/30/2020 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 8/15/2020 | <2.0 | <1.0 | 0.38 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 11/14/2020 | <2.0 | <1.0 | 0.35 J | <1.0 | <1.0 | <1.0 | 0.37 J |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 2/13/2021 | <2.0 | <1.0 | 0.27 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 5/15/2021 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.40 J |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 8/28/2021 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 11/6/2021 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 2/19/2022 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 5/14/2022 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 8/6/2022 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 11/12/2022 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 3/9/2023 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 5/18/2023 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 8/15/2023 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.79 J |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 11/14/2023 | <2.0 | <1.0 | 0.50 J | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 3/7/2024 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.74 J |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 5/21/2024 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.47 J |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 8/9/2024 | <2.0 | <1.0 | 0.46 J | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 11/20/2024 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.3** |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 2/26/2025 | <2.0 | <1.0 | 0.64 J | <1.0 | <1.0 | <1.0 | **3.0** |
| MW-209S | Onsite (behind 11701 Belden) | 8-13 | 5/9/2025 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 2/8/2020 | <2.0 | <1.0 | 8.6 | <1.0 | 0.98 J | <1.0 | **12** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 5/30/2020 | <2.0 | <1.0 | 5.7 | <1.0 | 0.68 J | <1.0 | **6.1** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 8/15/2020 | 1.2 J | <1.0 | 14 | <1.0 | 1.5 | <1.0 | **12** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 11/14/2020 | 0.97 J | <1.0 | 17 | <1.0 | 2.0 | <1.0 | **17** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 2/13/2021 | <2.0 | <1.0 | 12 | <1.0 | 1.5 | <1.0 | **12** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 5/15/2021 | <2.0 [<2.0] | <1.0 [<1.0] | 12 [0.26 J] | <1.0 [<1.0] | 1.5 [<1.0] | <1.0 [<1.0] | **14 [0.60 J]** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 8/28/2021 | <2.0 | <1.0 | 10 | <1.0 | 1.2 | <1.0 | **5.3** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 11/6/2021 | <2.0 | <1.0 | 12 | <1.0 | 1.6 | <1.0 | **6.4** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 2/19/2022 | 0.97 J | <1.0 | 13 | <1.0 | 1.8 | <1.0 | **4.9** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 5/21/2022 | <2.0 | <1.0 | 8.9 | <1.0 | 1.1 | <1.0 | **3.5** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 8/6/2022 | <2.0 | <1.0 | 17 | <1.0 | 2.1 | <1.0 | **6.5** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 11/12/2022 | <2.0 | <1.0 | 15 | <1.0 | 1.9 | <1.0 | **4.5** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 3/9/2023 | 1.1 J | <1.0 | 12 | <1.0 | 1.6 | <1.0 | **5.6** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 5/18/2023 | <2.0 | <1.0 | 17 | <1.0 | 2.3 | <1.0 | **6.4** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 8/15/2023 | <2.0 | <1.0 | 16 | <1.0 | 2.1 | <1.0 | **3.6** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 11/14/2023 | 1.4 J | <1.0 | 19 | <1.0 | 2.5 | <1.0 | **6.4** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 3/7/2024 | 1.1 J | <1.0 | 14 | <1.0 | 2.0 | <1.0 | **9.0** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 5/21/2024 | 2.3 [1.0 J] | <1.0 [<1.0] | 14 [14] | <1.0 [<1.0] | 1.9 [1.8] | <1.0 [<1.0] | **6.5 [6.0]** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 8/9/2024 | 1.2 J | <1.0 | 18 | <1.0 | 2.2 | <1.0 | **11** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 11/20/2024 | 1.2 J | <1.0 | 20 | <1.0 | 2.8 | <1.0 | **14** |

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**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 2/26/2025 | 0.95 J S | <1.0 | 21 | <1.0 | 2.5 | <1.0 | **16** |
| MW-210S | Onsite (behind 11801 Belden) | 8-13 | 5/9/2025 | 1.0 J S | <1.0 | 15 | <1.0 | 1.9 | <1.0 | **11** |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 2/8/2020 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 5/30/2020 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 8/15/2020 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | 0.37 J | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 11/14/2020 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | 0.39 J | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 2/13/2021 | <2.0 S | <1.0 | 0.16 J | <1.0 | <1.0 | 0.45 J | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 5/15/2021 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | 0.24 J | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 8/21/2021 | <4.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 11/6/2021 | <4.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 2/19/2022 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 5/14/2022 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 8/20/2022 | <4.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 11/12/2022 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | 0.44 J | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 3/9/2023 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 5/18/2023 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 8/15/2023 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 11/14/2023 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | 0.52 J | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 3/7/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 5/21/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 8/9/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 11/20/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 2/26/2025 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-211S | Onsite (behind 11875 Belden) | 7-12 | 5/9/2025 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 2/8/2020 | <2.0 S | <1.0 | 1.5 | <1.0 | 0.20 J | <1.0 | 0.84 J |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 5/30/2020 | <2.0 S | <1.0 | 1.6 | <1.0 | 0.19 J | 0.14 J | 0.53 J |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 8/15/2020 | <2.0 S | <1.0 | 2.2 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 11/14/2020 | <2.0 S | <1.0 | 3.1 | <1.0 | 0.37 J | 0.28 J | 0.81 J |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 2/13/2021 | <2.0 S | <1.0 | 1.9 | <1.0 | 0.27 J | 0.13 J | 0.40 J |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 5/15/2021 | <2.0 S | <1.0 | 1.8 | <1.0 | <1.0 | <1.0 | 0.53 J |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 8/21/2021 | <2.0 S | <1.0 | 2.9 | <1.0 | <1.0 | <1.0 | 0.46 J |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 11/6/2021 | <2.0 S | <1.0 | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 2/19/2022 | <2.0 S | <1.0 | 2.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 5/14/2022 | <2.0 S | <1.0 | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 8/27/2022 | <2.0 S | <1.0 | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 11/12/2022 | <2.0 S | <1.0 | 2.3 | <1.0 | <1.0 | <1.0 | 0.94 J |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 3/9/2023 | <2.0 S | <1.0 | 1.0 | <1.0 | <1.0 | <1.0 | 0.61 J |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 5/18/2023 | <2.0 S | <1.0 | 1.6 | <1.0 | <1.0 | <1.0 | 0.50 J |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 8/15/2023 | <2.0 S | <1.0 | 2.6 | <1.0 | <1.0 | <1.0 | 0.82 J |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 11/14/2023 | <2.0 S | <1.0 | 2.8 | <1.0 | 0.53 J | <1.0 | 1.0 |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 3/7/2024 | <2.0 S | <1.0 | 1.9 | <1.0 | <1.0 | <1.0 | 0.84 J |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 5/21/2024 | <2.0 S | <1.0 | 0.89 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 8/9/2024 | <2.0 S | <1.0 | 2.0 | <1.0 | <1.0 | <1.0 | 0.77 J |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 11/20/2024 | <2.0 S | <1.0 | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 2/26/2025 | <2.0 S | <1.0 | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-212S | Onsite (behind 11889 Belden) | 6.5-11.5 | 5/9/2025 | <2.0 S | <1.0 | 1.4 | <1.0 | <1.0 | <1.0 | 0.54 J |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 2/8/2020 | <2.0 S | <1.0 | 0.76 J | <1.0 | <1.0 | <1.0 | 0.79 J |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 5/30/2020 | <2.0 S | <1.0 | 0.74 J | <1.0 | <1.0 | <1.0 | 1.3 |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 8/15/2020 | <2.0 S | <1.0 | 1.2 | <1.0 | <1.0 | <1.0 | 0.81 J |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 11/14/2020 | <2.0 S | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | 0.92 J |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 2/13/2021 | <2.0 S | <1.0 | 0.77 J | <1.0 | <1.0 | <1.0 | 0.72 J |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 5/15/2021 | <2.0 S | <1.0 | 0.71 J | <1.0 | <1.0 | <1.0 | 0.86 J |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 8/21/2021 | <2.0 S | <1.0 | 0.91 J | <1.0 | <1.0 | <1.0 | 1.1 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 11/6/2021 | <2.0 | S | <1.0 | 0.68 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 2/19/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.48 J |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 5/14/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 8/27/2022 | <2.0 | S | <1.0 | 0.65 J | <1.0 | <1.0 | <1.0 | 0.80 J |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 11/12/2022 | <2.0 | S | <1.0 | 0.67 J | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 3/9/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 5/18/2023 | <2.0 | S | <1.0 | 0.46 J | <1.0 | <1.0 | <1.0 | 0.90 J |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 8/15/2023 | <2.0 | S | <1.0 | 0.58 J | <1.0 | <1.0 | <1.0 | 0.48 J |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 11/14/2023 | <2.0 | S | <1.0 | 1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 3/7/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.73 J |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 5/21/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 8/9/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 11/20/2024 | <2.0 | S | <1.0 | 0.61 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 2/26/2025 | <2.0 | S | <1.0 | 0.48 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-213S | Onsite (behind 11879 Belden) | 6-11 | 5/9/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 2/7/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 5/20/2020 | 1.1 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 8/10/2020 | < 2.0 | S | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 11/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 2/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 5/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 8/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 11/15/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 2/10/2022 | < 4.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 5/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 8/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 11/1/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 2/28/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 5/17/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 8/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 11/1/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 3/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 5/17/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 8/12/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 11/12/2024 | 1.1 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-214S | 12400 Belden | 5.5-10.5 | 2/25/2025 | <2.0 [<2.0] | S | < 1.0 [< 1.0 J] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] |
| MW-215S | 35000 Plymouth | 3-8 | 2/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 8/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 11/19/2020 | < 2.0 | S | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-215S | 35000 Plymouth | 3-8 | 2/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 5/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 8/20/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 2/28/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 5/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 8/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 3/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 5/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 8/10/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 2/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-215S | 35000 Plymouth | 3-8 | 8/12/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-215S | 35000 Plymouth | 3-8 | 5/5/2025 | < 2.0 | S | <1.0 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 2/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 8/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 11/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 2/25/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 5/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 8/3/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 11/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 2/10/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 5/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 8/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 2/28/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 5/4/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 8/7/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 2/21/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 8/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 11/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 2/14/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-216S | 34851 Wadsworth | 6-11 | 4/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 2/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 5/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 8/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 11/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 2/26/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 5/7/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 8/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 11/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 2/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 5/13/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 8/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 3/15/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 5/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 8/17/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.50 J | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 2/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 8/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-217S | 34935 Wadsworth | 6-11 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-218S | Onsite | 9-14 | 2/20/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 8/11/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 11/11/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 2/18/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 5/19/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 8/2/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 11/16/2021 | <2.0 | S | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J |
| MW-218S | Onsite | 9-14 | 3/1/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 5/11/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 8/17/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 11/17/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 3/15/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 5/17/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 8/14/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 11/17/2023 | <2.0 | S | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-218S | Onsite | 9-14 | 3/5/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 5/23/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 8/16/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 11/21/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-218S | Onsite | 9-14 | 3/3/2025 | <2.0 | S | <1.0J | 21 J | <1.0J | 1.2 J | 3.2 J | <1.0 |
| MW-218S | Onsite | 9-14 | 5/14/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 2/6/2020 | <2.0 [<2.0] | S | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] |
| MW-219S | Onsite | 7-12 | 8/11/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 11/18/2020 | <2.0 | S | <1.0J | <1.0 | <1.0 | <1.0 | 0.12 J | <1.0 |
| MW-219S | Onsite | 7-12 | 2/17/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 5/20/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 8/3/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0+F |
| MW-219S | Onsite | 7-12 | 11/17/2021 | <4.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 2/25/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 5/10/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 8/17/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 11/9/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 3/1/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 5/16/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 8/17/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0J |
| MW-219S | Onsite | 7-12 | 11/21/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 3/6/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 5/10/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 8/13/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 11/20/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 2/19/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-219S | Onsite | 7-12 | 5/12/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 2/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 8/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 11/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 2/15/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 5/20/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 8/20/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 11/1/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.67 J | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 2/28/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 5/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 8/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 11/4/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 3/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 5/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 8/10/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 11/9/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 2/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 8/14/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 11/18/2024 | < 2.0 | S | < 1.0 | < 1.0+ | < 1.0 | < 1.0 | < 1.0+ | < 1.0 |
| MW-223S | 35000 Plymouth | 8.5-13.5 | 5/5/2025 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 2/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 8/7/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 11/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 2/23/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 5/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 8/2/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 11/1/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-225S | 34800 Standish | 5.5-10.5 | 2/8/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 5/10/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 8/2/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 2/24/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 5/2/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 8/3/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 2/21/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-225S | 34800 Standish | 5.5-10.5 | 5/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 8/7/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 11/7/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-225S | 34800 Standish | 5.5-10.5 | 3/3/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-225S | 34800 Standish | 5.5-10.5 | 4/28/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-234 | Onsite (behind 12333 Belden) | 12-17 | 9/18/2023 | <2.0 S | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| MW-234 | Onsite (behind 12333 Belden) | 12-17 | 11/14/2023 | <4.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-234 | Onsite (behind 12333 Belden) | 12-17 | 3/7/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-234 | Onsite (behind 12333 Belden) | 12-17 | 5/21/2024 | <1.0 B S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-234 | Onsite (behind 12333 Belden) | 12-17 | 8/9/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.46 J |
| MW-234 | Onsite (behind 12333 Belden) | 12-17 | 11/20/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.48 J |
| MW-234 | Onsite (behind 12333 Belden) | 12-17 | 2/26/2025 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-234 | Onsite (behind 12333 Belden) | 12-17 | 5/9/2025 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-235 | Onsite (behind 11889 Belden) | 14-19 | 9/18/2023 | <2.0 S | < 1.0 | 1.6 | <1.0 | <1.0 | <1.0 | **11** |
| MW-235 | Onsite (behind 11889 Belden) | 14-19 | 11/14/2023 | 0.89 J S | <1.0 | 2.0 | <1.0 | <1.0 | <1.0 | **12** |
| MW-235 | Onsite (behind 11889 Belden) | 14-19 | 3/7/2024 | <2.0 S | <1.0 | 2.3 | <1.0 | <1.0 | <1.0 | **8.7** |
| MW-235 | Onsite (behind 11889 Belden) | 14-19 | 5/21/2024 | <1.1 B S | <1.0 | 2.5 | <1.0 | <1.0 | <1.0 | **4.5** |
| MW-235 | Onsite (behind 11889 Belden) | 14-19 | 8/9/2024 | <2.0J S | <1.0 | 2.3 | <1.0 | <1.0 | <1.0 | **6.1** |
| MW-235 | Onsite (behind 11889 Belden) | 14-19 | 11/20/2024 | <2.0 S | <1.0 | 1.9 | <1.0 | <1.0 | <1.0 | **5.3** |
| MW-235 | Onsite (behind 11889 Belden) | 14-19 | 2/26/2025 | 1.5 J S | <1.0 | 1.2 | <1.0 | <1.0 | <1.0 | **3.1** |
| MW-235 | Onsite (behind 11889 Belden) | 14-19 | 5/9/2025 | <2.0 S | <1.0 | 1.9 | <1.0 | <1.0 | <1.0 | **2.4** |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 5/10/2016 | 5.1 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 4/25/2017 | **10** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 7/27/2017 | **11** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 11/9/2017 | **13** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 2/13/2018 | **12** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 5/8/2018 | **14** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 8/10/2018 | **15** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 11/1/2018 | **15** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 3/2/2019 | **15** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0J | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 6/15/2019 | **13** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 9/28/2019 | **14** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 11/23/2019 | **9.2** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 2/8/2020 | **12** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 5/30/2020 | **11** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 8/15/2020 | **13** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 11/14/2020 | **13** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 2/13/2021 | **14** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 5/15/2021 | **14** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 8/28/2021 | **12** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 11/6/2021 | **14** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 2/19/2022 | **14** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 5/14/2022 | **13** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 8/6/2022 | **15** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 11/12/2022 | **12** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 3/9/2023 | **13** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 5/18/2023 | **14** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 8/15/2023 | **11** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 11/14/2023 | **12** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 3/7/2024 | **9.7** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 5/21/2024 | **11 J** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 8/9/2024 | **9.6** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 11/20/2024 | **10** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 2/26/2025 | **10** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-30 | Onsite (behind 11723 Belden) | 19-24 | 5/9/2025 | **10** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 5/10/2016 | 0.72 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.43 J |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 4/21/2017 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 7/28/2017 | 0.47 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.68 J |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 11/10/2017 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.84 J |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 2/14/2018 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 5/8/2018 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 8/10/2018 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 11/1/2018 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 3/2/2019 | <2.0 S | <1.0 | <1.0 | <1.0J | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 6/15/2019 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 9/28/2019 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 11/23/2019 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 2/8/2020 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 5/30/2020 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 8/15/2020 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 11/14/2020 | <2.0 S | <1.0 | <1.0B | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 2/13/2021 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 5/15/2021 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 8/28/2021 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 11/6/2021 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 2/19/2022 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 5/14/2022 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 8/6/2022 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 11/12/2022 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 3/9/2023 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 5/18/2023 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 8/15/2023 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 11/13/2023 | <2.0 J S | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 3/7/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 5/21/2024 | <2.0 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 8/8/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 11/20/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 2/26/2025 | <2.0 S | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW-31 | Onsite (behind 35400 Plymouth) | 17-22 | 5/9/2025 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 5/10/2016 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-32 | Onsite | 18-23 | 7/28/2017 | 0.28 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 11/7/2017 | <2.0 S | <1.0 | 0.31 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 2/12/2018 | <2.0 S | <1.0 | 0.37 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 5/8/2018 | <2.0 S | <1.0 | 0.50 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 8/7/2018 | <2.0 S | <1.0 | 0.32 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 11/7/2018 | <2.0 S | <1.0 | 0.38 J | <1.0 | <1.0 | <1.0 | 0.38 J |
| MW-32 | Onsite | 18-23 | 2/28/2019 | <2.0 S | <1.0 | 0.48 J | <1.0 | <1.0 | <1.0 | 0.39 J |
| MW-32 | Onsite | 18-23 | 6/11/2019 | <2.0 S | <1.0 | 0.43 J | <1.0 | <1.0 | <1.0 | 0.35 J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-32 | Onsite | 18-23 | 9/24/2019 | <2.0 | S | <1.0 | 0.48 J | <1.0 | <1.0 | <1.0 | 0.43 J |
| MW-32 | Onsite | 18-23 | 11/14/2019 | <2.0 | S | <1.0 | 3.0 | <1.0 | <1.0 | <1.0 | 0.70 J |
| MW-32 | Onsite | 18-23 | 2/10/2020 | <2.0 | S | <1.0 | 0.31 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 8/17/2020 | <2.0 | S | <1.0 | 0.39 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 11/11/2020 | <2.0 | S | <1.0 | 0.34 J | <1.0 | <1.0 | <1.0 | 0.29 J |
| MW-32 | Onsite | 18-23 | 2/18/2021 | <2.0 | S | <1.0 | 0.44 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 5/20/2021 | <2.0 | S | <1.0 | 0.40 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 8/4/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 11/16/2021 | <2.0 | S | <1.0 | 0.49 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 3/1/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 5/11/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 8/17/2022 | <2.0 | S | <1.0 | 0.47 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 11/18/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 3/15/2023 | <2.0 F | S | <1.0 | 0.50 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 5/16/2023 | <2.0 | S | <1.0 | 0.48 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 8/16/2023 | <2.0 | S | <1.0 | 0.47 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 11/20/2023 | <2.0 | S | <1.0J | 0.48 J | <1.0J | <1.0J | <1.0J | <1.0J |
| MW-32 | Onsite | 18-23 | 3/4/2024 | <2.0 | S | <1.0 | 0.55 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 5/21/2024 | <2.0 | S | <1.0 | 0.61 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 8/14/2024 | <2.0 | S | <1.0 | 0.55 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 11/22/2024 | <2.0 | S | <1.0 | 0.70 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 2/19/2025 | <2.0 | S | <1.0 | 0.65 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-32 | Onsite | 18-23 | 5/14/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 5/11/2016 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-33 | Onsite | 14-19 | 7/28/2017 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 11/8/2017 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 2/14/2018 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 5/8/2018 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 8/9/2018 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 11/2/2018 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 2/27/2019 | <2.0 | S | <1.0 | <1.0 | <1.0J | <1.0 | <1.0J | <1.0 |
| MW-33 | Onsite | 14-19 | 6/11/2019 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 9/25/2019 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 11/8/2019 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 2/7/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 8/14/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 11/18/2020 | <2.0 | S | <1.0J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 2/17/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 5/18/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 8/2/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 11/15/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 3/1/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 5/10/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 8/16/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 11/14/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 3/1/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 5/15/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 8/16/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 11/20/2023 | <2.0 | S | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J |
| MW-33 | Onsite | 14-19 | 2/29/2024 | <2.0 | S | <1.0 | <1.0 | <1.0F | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 5/24/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 8/14/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 11/18/2024 | <2.0 | S | <1.0 | <1.0F+ | <1.0 | <1.0F | <1.0F+ | <1.0F |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-33 | Onsite | 14-19 | 2/17/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-33 | Onsite | 14-19 | 5/12/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 5/10/2016 | **10** | S | < 1.0 | 0.29 J | < 1.0 | < 1.0 | < 1.0 | 0.52 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 4/24/2017 | **8.3** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.52 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 7/27/2017 | 6.1 | S | <1.0 | 0.37 J | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 11/9/2017 | 6.6 | S | <1.0 | 0.35 J | <1.0 | <1.0 | <1.0 | 2.0 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 2/13/2018 | **7.4** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.97 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 5/8/2018 | 4.9 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.87 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 8/10/2018 | **7.6** | S | <1.0 | 0.33 J | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 11/1/2018 | 6.7 | S | <1.0 | 0.44 J | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 3/2/2019 | 6.9 | S | <1.0 | 0.32 J | <1.0J | <1.0 | <1.0 | 0.85 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 6/15/2019 | 5.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.89 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 9/28/2019 | 7.2 | S | <1.0 | 0.64 J | <1.0 | <1.0 | <1.0 | **2.2** |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 11/23/2019 | 5.5 | S | <1.0 | 0.66 J | <1.0 | <1.0 | <1.0 | 1.8 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 2/8/2020 | 5.7 | S | <1.0 | 0.39 J | <1.0 | <1.0 | <1.0 | 0.53 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 5/30/2020 | 4.2 | S | <1.0 | 0.40 J | <1.0 | <1.0 | <1.0 | 0.76 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 8/15/2020 | 6.2 | S | <1.0 | 0.62 J | <1.0 | <1.0 | <1.0 | 1.4 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 11/14/2020 | 6.1 | S | <1.0 | 0.58 J | <1.0 | <1.0 | <1.0 | 1.8 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 2/13/2021 | 4.8 | S | <1.0 | 0.47 J | <1.0 | <1.0 | <1.0 | 0.78 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 5/15/2021 | 4.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 8/28/2021 | 4.1 | S | <1.0 | 0.50 J | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 11/13/2021 | 3.4 | S | <1.0 | 0.58 J | <1.0 | <1.0 | <1.0 | 1.6 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 2/19/2022 | 3.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.57 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 5/21/2022 | 4.1 | S | <1.0 | 0.54 J | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 8/6/2022 | 5.3 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 11/12/2022 | 5.8 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.9 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 3/9/2023 | 6.7 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.79 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 5/18/2023 | 6.4 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.77 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 8/15/2023 | 6.5 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.89 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 11/14/2023 | 6.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.9 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 3/7/2024 | 5 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 5/21/2024 | 5.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.61 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 8/9/2024 | 4.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 11/20/2024 | 5.1 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 2/26/2025 | 4.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.63 J |
| MW-34 | Onsite (behind 11801 Belden) | 16.5-21.5 | 5/9/2025 | 6.7 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.94 J |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 5/10/2016 | 5.6 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **6.1** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 7/27/2017 | 4.9 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.5** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 11/7/2017 | 4.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.4** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 2/14/2018 | 4.3 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **4.5** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 5/9/2018 | 4.7 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **7.2** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 8/10/2018 | 4.3 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.0** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 11/1/2018 | 4.5 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.8 |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 3/2/2019 | 5.8 | S | <1.0 | <1.0 | <1.0 | 0.19 J | 0.11 J | **4.1** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 6/15/2019 | 5.2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **6.7** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 9/28/2019 | 5 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.6** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 11/23/2019 | 2.8 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.2** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 2/8/2020 | 4.5 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **4.0** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 5/30/2020 | 3.3 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **9.1** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 8/15/2020 | 4.4 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **4.9** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 11/14/2020 | 4.4 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.9 |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 2/13/2021 | 3.9 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 5/15/2021 | 4 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **4.3** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| Location: | Property Address: | Screen Interval (ft bgs): | Sample Date: | | | | | | | |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 8/21/2021 | 3.1 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.0** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 11/6/2021 | 3.9 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.4** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 2/19/2022 | 3.5 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.4** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 5/14/2022 | 2.7 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **5.2** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 8/20/2022 | 3.3 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.7** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 11/12/2022 | 3.1 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 3/9/2023 | 3.1 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **5.4** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 5/18/2023 | 2.7 S | <1.0 | <1.0+ | <1.0 | <1.0 | <1.0 | **3.9** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 8/15/2023 | 3.4 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.6 |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 11/14/2023 | 4 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 3/7/2024 | 3 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.2** |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 5/21/2024 | 4.5 B S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.90 J |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 8/9/2024 | 3.3 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.82 J |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 11/20/2024 | 3.7 [3.8] S | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | 0.88 J [0.78 J] |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 2/26/2025 | 3.9 [4.3] S | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | 0.99 J [0.80 J] |
| MW-35 | Onsite (behind 11881 Belden) | 19.5-24.5 | 5/9/2025 | 3.9 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.64 J |
| MW-38 | Onsite | 15-20 | 4/26/2017 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 7/28/2017 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 11/8/2017 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 2/15/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 5/8/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 8/9/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 11/1/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 2/27/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 6/11/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 9/25/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 11/8/2019 | 0.39 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 2/6/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 8/14/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 11/12/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 2/17/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 5/20/2021 | 2.6 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 8/3/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 11/17/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 3/3/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 5/10/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 8/15/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 11/9/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 3/1/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 5/16/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 8/4/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 11/20/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 | < 1.0 |
| MW-38 | Onsite | 15-20 | 3/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 5/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 8/8/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 11/20/2024 | < 2.0 [< 2.0] S | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [0.48 J] |
| MW-38 | Onsite | 15-20 | 2/19/2025 | <2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 2/26/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 5/7/2025 | <2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-38 | Onsite | 15-20 | 5/9/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-39 | Onsite | 20-25 | 4/26/2017 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-39 | Onsite | 20-25 | 7/28/2017 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 11/7/2017 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 2/15/2018 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 5/8/2018 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 8/7/2018 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 11/1/2018 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 2/28/2019 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 6/11/2019 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 9/24/2019 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 11/8/2019 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 2/10/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 8/24/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 11/11/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 2/18/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 5/18/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 8/2/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 11/9/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 3/1/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 5/11/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 8/17/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 11/18/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 3/1/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 5/17/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 8/9/2023 | <2.0 F | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 11/17/2023 | <2.0 | S | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J |
| MW-39 | Onsite | 20-25 | 3/5/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 5/23/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 8/16/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 11/21/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 3/4/2025 | <2.0 | S | <1.0 | <1.0J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-39 | Onsite | 20-25 | 5/14/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 5/10/2016 | < 2.0 | S | < 1.0 | 3.7 | < 1.0 | 0.54 J | < 1.0 | < 1.0 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 7/28/2017 | <2.0 | S | <1.0 | 2.7 | <1.0 | 0.41 J | <1.0 | 0.77 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 11/15/2017 | <2.0 | S | <1.0 | 3.2 | <1.0 | 0.48 J | <1.0 | 1.8 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 5/8/2018 | <2.0 | S | <1.0 | 2.3 J | <1.0 | 0.34 J | <1.0 | 1.3 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 8/10/2018 | <2.0 | S | <1.0 | 2.4 | <1.0 | 0.37 J | <1.0 | 0.54 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 11/1/2018 | <2.0 | S | <1.0 | 2.6 | <1.0 | 0.39 J | <1.0 | 1.4 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 6/15/2019 | <2.0 | S | <1.0 | 2.2 | <1.0 | 0.37 J | <1.0 | 0.26 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 9/28/2019 | <2.0 | S | <1.0 | 2.8 | <1.0 | 0.43 J | <1.0 | 0.90 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 11/23/2019 | <2.0 | S | <1.0 | 3.2 | <1.0 | 0.46 J | <1.0 | 0.70 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 2/8/2020 | <2.0 | S | <1.0 | 2.5 | <1.0 | 0.30 J | <1.0 | 0.28 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 5/30/2020 | <2.0 | S | <1.0 | 2.6 | <1.0 | 0.36 J | <1.0 | 0.31 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 8/15/2020 | <2.0 | S | <1.0 | 3.3 | <1.0 | 0.49 J | <1.0 | 0.52 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 11/14/2020 | <2.0 | S | <1.0 | 3.3 | <1.0 | 0.30 J | <1.0 | 1.6 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 2/13/2021 | <2.0 | S | <1.0 | 2.6 | <1.0 | 0.35 J | <1.0 | <1.0 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 5/15/2021 | <2.0 | S | <1.0 | 2.2 | <1.0 | 0.33 J | <1.0 | 0.38 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 8/28/2021 | <2.0 | S | <1.0 | 2.3 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 11/6/2021 | <2.0 | S | <1.0 | 3.2 | <1.0 | <1.0 | <1.0 | 1.7 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 2/19/2022 | <2.0 | S | <1.0 | 2.2 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 5/14/2022 | <2.0 | S | <1.0 | 2.5 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 8/6/2022 | <2.0 | S | <1.0 | 2.6 | <1.0 | <1.0 | <1.0 | 0.80 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 11/12/2022 | <2.0 | S | <1.0 | 2.4 | <1.0 | <1.0 | <1.0 | 1.8 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 3/9/2023 | <2.0 | S | <1.0 | 2.0 | <1.0 | <1.0 | <1.0 | 0.68 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 5/18/2023 | <2.0 | S | <1.0 | 2.4 | <1.0 | <1.0 | <1.0 | 0.69 J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 8/15/2023 | <2.0 S | <1.0 | 2.1 | <1.0 | <1.0 | <1.0 | 0.97 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 11/13/2023 | <2.0 S | <1.0J | 2.2 J | <1.0J | <1.0J | <1.0J | 0.93 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 3/7/2024 | <2.0 S | <1.0 | 1.6 | <1.0 | <1.0 | <1.0 | 0.69 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 5/21/2024 | <2.0 J S | <1.0 | 2.1 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 8/9/2024 | <2.0 S | <1.0 | 1.8 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 11/20/2024 | <2.0 S | <1.0 | 1.7 | <1.0 | <1.0 | <1.0 | 1.4 |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 2/26/2025 | <2.0 S | <1.0 | 2.0 | <1.0 | <1.0 | <1.0 | 0.76 J |
| MW-40 | Onsite (behind 35400 Plymouth) | 20-25 | 5/9/2025 | <2.0 S | <1.0 | 1.9 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 5/11/2016 | **9.3** S | < 1.0 | 0.77 J | < 1.0 | < 1.0 | < 1.0 | **2.1** |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 4/24/2017 | 1.9 J S | <1.0 | 1.9 | <1.0 | <1.0 | <1.0 | **3.2** |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 7/27/2017 | 1.4 J S | <1.0 | 1.8 | <1.0 | <1.0 | <1.0 | 1.9 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 11/9/2017 | 2.2 S | <1.0 | 2.3 | <1.0 | <1.0 | <1.0 | **2.4** |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 2/13/2018 | 0.77 J S | <1.0 | 2.1 | <1.0 | <1.0 | <1.0 | **2.1** |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 5/8/2018 | 0.75 J S | <1.0 | 2.6 | <1.0 | <1.0 | <1.0 | **5.3** |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 8/10/2018 | 1.6 J S | <1.0 | 2.5 | <1.0 | 0.34 J | <1.0 | **3.0** |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 11/1/2018 | 1.9 J S | <1.0 | 2.9 | <1.0 | 0.35 J | <1.0 | 2.0 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 3/2/2019 | 1.4 J S | <1.0 | 3.1 | <1.0 | 0.42 J | <1.0 | **3.2** |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 6/15/2019 | 1.3 J S | <1.0 | 2.0 | <1.0 | <1.0 | <1.0 | 1.9 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 9/28/2019 | 1.2 J S | <1.0 | 2.0 | <1.0 | 0.24 J | <1.0 | 1.5 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 11/23/2019 | 1.5 J S | <1.0 | 2.8 | <1.0 | 0.37 J | <1.0 | **2.7** |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 2/8/2020 | 1.7 J S | <1.0 | 2.3 | <1.0 | 0.25 J | <1.0 | 1.5 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 5/30/2020 | <2.0 S | <1.0 | 1.2 | <1.0 | 0.19 J | <1.0 | 2.0 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 8/15/2020 | 3.8 S | <1.0 | 1.4 | <1.0 | <1.0 | <1.0 | **2.3** |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 11/14/2020 | 4.9 S | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 2/13/2021 | 1.3 J S | <1.0 | 2.1 | <1.0 | 0.24 J | <1.0 | 2.0 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 5/15/2021 | <2.0 S | <1.0 | 1.2 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 8/28/2021 | 1.0 J [<4.0] S | <1.0 [<1.0] | 3.0 [3.2] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | **3.1 [3.3]** |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 11/6/2021 | 1.0 J S | <1.0 | 3.4 | <1.0 | <1.0 | <1.0 | **3.2** |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 2/19/2022 | 1.5 J S | <1.0 | 2.1 | <1.0 | <1.0 | <1.0 | **2.1** |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 5/14/2022 | <2.0 S | <1.0 | 1.2 | <1.0 | <1.0 | <1.0 | 0.72 J |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 8/6/2022 | 3.5 S | <1.0 | 1.5 | <1.0 | <1.0 | <1.0 | 1.7 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 11/12/2022 | **11** S | <1.0 | 0.64 J | <1.0 | <1.0 | <1.0 | 0.71 J |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 3/9/2023 | **13** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.48 J |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 5/18/2023 | **11** S | <1.0 | <1.0+ | <1.0 | <1.0 | <1.0 | 0.79 J |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 8/15/2023 | **11** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.66 J |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 11/14/2023 | **11** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.73 J |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 3/7/2024 | **13** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 5/21/2024 | **13 J** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.62 J |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 8/9/2024 | **11 J** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 11/20/2024 | **12** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 2/26/2025 | **13** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.98 J |
| MW-41 | Onsite (behind 11771 Belden) | 16-21 | 5/9/2025 | **13** S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 5/11/2016 | 3.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 4/24/2017 | 1.3 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.81 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 7/27/2017 | 1.8 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.99 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 11/9/2017 | 2.4 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 2/13/2018 | 1.8 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.81 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 5/9/2018 | 2.2 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.99 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 8/10/2018 | 2.3 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.60 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 11/1/2018 | 2.6 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.60 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 3/2/2019 | 3.1 S | <1.0 | <1.0 | <1.0 | <1.0 | 0.13 J | 0.70 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 6/15/2019 | 2.5 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.67 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 9/28/2019 | 3 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.92 J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 11/23/2019 | 2.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 2/8/2020 | 3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.70 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 5/30/2020 | 2.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.93 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 8/15/2020 | 2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.60 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 11/14/2020 | 1.5 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.86 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 2/13/2021 | 0.96 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.59 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 5/15/2021 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.78 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 8/28/2021 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.49 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 11/6/2021 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.70 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 2/19/2022 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.72 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 5/14/2022 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.55 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 8/27/2022 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.70 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 11/12/2022 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.65 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 3/9/2023 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.64 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 5/18/2023 | <2.0 | <1.0 | <1.0+ | <1.0 | <1.0 | <1.0 | 0.69 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 8/15/2023 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.70 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 11/14/2023 | <2.0 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.93 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 3/7/2024 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.85 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 5/21/2024 | 1.3 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.66 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 8/9/2024 | 0.90 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.91 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 11/20/2024 | 1.3 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.92 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 2/26/2025 | 1.2 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.64 J |
| MW-42 | Onsite (behind 11873 Belden) | 16-21 | 5/9/2025 | 1.7 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.76 J |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 5/11/2016 | 4.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **17** |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 4/27/2017 | 3.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **8.4** |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 7/27/2017 | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.0** |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 11/9/2017 | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.2** |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 2/13/2018 | 2.2 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **8.0** |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 5/9/2018 | 2.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **6.4 J** |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 8/10/2018 | 3.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 11/1/2018 | 4.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.71 J |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 3/2/2019 | 3.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.4** |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 6/15/2019 | 2.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 9/28/2019 | 4.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 11/23/2019 | 3.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.33 J |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 2/8/2020 | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 5/30/2020 | 3.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.28 J |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 8/22/2020 | 4.5 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 11/14/2020 | 3.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 2/13/2021 | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 5/15/2021 | 2.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.24 J |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 8/21/2021 | 2.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 11/6/2021 | 2.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 2/19/2022 | 2.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 5/21/2022 | 1.9 J [1.6 J] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 8/20/2022 | 1.4 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 11/12/2022 | 1.4 J [1.4 J] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 3/9/2023 | 0.92 J | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 5/18/2023 | 1.3 J | <1.0 | <1.0+ | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 8/15/2023 | 2.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 11/14/2023 | 3.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 3/7/2024 | 2.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 5/21/2024 | 4.7 B | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 8/9/2024 | 4.2 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 11/20/2024 | 3.3 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 2/26/2025 | 4.7 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-43 | Onsite (behind 11897 Belden) | 17-22 | 5/9/2025 | 4.7 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-45 | Onsite | 15-20 | 5/12/2016 | 4.5 S | < 500 | **11,000** | < 500 | < 500 | < 500 | **5,700** |
| MW-45 | Onsite | 15-20 | 4/24/2017 | 4.1 [4.2] S | <500 [<500] | **10000 [11,000]** | <500 [<500] | <500 [<500] | <500 [<500] | **7,600 [7,700]** |
| MW-45 | Onsite | 15-20 | 8/1/2017 | 2.5 S | <500 | **8,100** | <500 | <500 | <500 | **5,400** |
| MW-45 | Onsite | 15-20 | 11/13/2017 | <2.0 S | <67 | **2,100** | <67 | <67 | <67 | **1,500** |
| MW-45 | Onsite | 15-20 | 2/12/2018 | <2.0 S | <100 | **1,800** | <100 | <100 | <100 | **1200** |
| MW-45 | Onsite | 15-20 | 5/8/2018 | 0.40 J S | <67 | **1,200** | <67 | <67 | <67 | **1400** |
| MW-45 | Onsite | 15-20 | 8/9/2018 | 1.0 J S | <33 | **1,000** | <33 | <33 | <33 | **800** |
| MW-45 | Onsite | 15-20 | 11/2/2018 | 1.1 J S | <10 | **640** | <10 | 6.5 J | 2.7 J | **420** |
| MW-45 | Onsite | 15-20 | 2/26/2019 | <2.0 S | <17 | **340 J** | <17 | <17 | <17 | **380** |
| MW-45 | Onsite | 15-20 | 6/11/2019 | 0.94 J S | <25 | **310** | <25 | <25 | <25 | **540** |
| MW-45 | Onsite | 15-20 | 9/27/2019 | <2.0 S | <25 | **160** | <25 | <25 | <25 | **310** |
| MW-45 | Onsite | 15-20 | 11/8/2019 | 0.45 J S | 0.37 J | **150** | <1.0 | 0.60 J | <1.0 | **210** |
| MW-45 | Onsite | 15-20 | 2/12/2020 | <2.0 S | <25 | **260** | <25 | <25 | <25 | **640** |
| MW-45 | Onsite | 15-20 | 5/26/2020 | <2.0 S | <25 | **110** | <25 | <25 | <25 | **450** |
| MW-45 | Onsite | 15-20 | 8/7/2020 | 1.3 J [<2.0 ] S | <100 [<10] | **740 [240]** | <100 [<10] | <100 [<10] | <100 [<10] | **1,400 [710]** |
| MW-45 | Onsite | 15-20 | 11/4/2020 | <2.0 [<2.0 ] S | <10 [<6.3] | **260 [290]** | <10 [<6.3] | <10 [1.3 J] | <10 [<6.3] | **500 [510]** |
| MW-45 | Onsite | 15-20 | 2/12/2021 | <2.0 [<2.0 ] S | <50 [<50] | **270 [300]** | <50 [<50] | <50 [<50] | <50 [<50] | **1,100 [1,100]** |
| MW-45 | Onsite | 15-20 | 5/11/2021 | <2.0 S | <17 | **480** | <17 | <17 | <17 | **1200** |
| MW-45 | Onsite | 15-20 | 8/9/2021 | <2.0 S | 0.81 J | **200** | <1.0 | 0.96 J | <1.0 | **550** |
| MW-45 | Onsite | 15-20 | 11/16/2021 | <2.0 S | <5.0 | **87** | <5.0 | <5.0 | <5.0 | **250** |
| MW-45 | Onsite | 15-20 | 2/24/2022 | <2.0 [<2.0 ] S | <13 [<13] | **76 [77]** | <13 [<13] | <13 [<13] | <13 [<13] | **410 [400]** |
| MW-45 | Onsite | 15-20 | 5/19/2022 | <2.0 J S | <1.0 | 9.5 | <1.0 | <1.0 | <1.0 | **33** |
| MW-45 | Onsite | 15-20 | 8/19/2022 | <2.0 S | <1.0 | **90** | <1.0 | <1.0 | <1.0 | **290** |
| MW-45 | Onsite | 15-20 | 11/15/2022 | <2.0 [<2.0 ] S | <1.0 [<25] | **81 [72]** | <1.0 [<25] | <1.0 [<25] | <1.0 [<25] | **290 [260]** |
| MW-45 | Onsite | 15-20 | 3/14/2023 | <2.0 S | <10 | 69 | <10 | <10 | <10 | **560** |
| MW-45 | Onsite | 15-20 | 5/17/2023 | <2.0 S | <1.0 | 49 | <1.0 | <1.0 | <1.0 | **340** |
| MW-45 | Onsite | 15-20 | 8/8/2023 | <2.0 [<2.0 ] S | <10 [<1.0] | 36 [38] | <10 [<1.0] | <10 [<1.0] | <10 [<1.0] | **240 [240]** |
| MW-45 | Onsite | 15-20 | 11/15/2023 | <2.0 S | <1.0 | 53 | <1.0 | <1.0 | <1.0 | **310** |
| MW-45 | Onsite | 15-20 | 2/29/2024 | <2.0 S | <10 | 22 | <10 | <10 | <10 | **150** |
| MW-45 | Onsite | 15-20 | 5/16/2024 | <2.0 [<2.0 ] S | <10 [<5.0] | 24 [25] | <10 [<5.0] | <10 [<5.0] | <10 [<5.0] | **220 [260]** |
| MW-45 | Onsite | 15-20 | 8/15/2024 | <2.0 S | <1.0 | 19 | <1.0 | <1.0 | <1.0 | **87** |
| MW-45 | Onsite | 15-20 | 11/15/2024 | <2.0 S | <1.0 | 15 | <1.0 | <1.0 | <1.0 | **54** |
| MW-45 | Onsite | 15-20 | 2/24/2025 | <2.0 [<2.0 ] S | <1.0 [<5.0] | 11 [9.0] | <1.0 [<5.0] | <1.0 [<5.0] | <1.0 [<5.0] | **140 [150]** |
| MW-45 | Onsite | 15-20 | 5/16/2025 | <2.0 S | <1.0 | 15 | <1.0 | <1.0 | <1.0 | **260** |
| MW-46 | Onsite | 16-21 | 5/12/2016 | **34** S | < 2.5 | 14 | < 2.5 | 0.80 J | < 2.5 | **72** |
| MW-46 | Onsite | 16-21 | 4/24/2017 | **21** S | <5.0 | 21 | <5.0 | 1.6 J | <5.0 | **150** |
| MW-46 | Onsite | 16-21 | 7/31/2017 | <2.0 B S | 0.78 J | 15 | <1.0 | 2.6 | <1.0 | **13** |
| MW-46 | Onsite | 16-21 | 11/13/2017 | 3.7 S | 0.90 J | 22 | <2.5 | 2.7 | <2.5 | **57** |
| MW-46 | Onsite | 16-21 | 2/12/2018 | **11** S | 0.46 J | 14 | <1.0 | 1.7 | <1.0 | **38** |
| MW-46 | Onsite | 16-21 | 5/14/2018 | **13** S | <1.7 | 6 | <1.7 | 0.86 J | <1.7 | **30** |
| MW-46 | Onsite | 16-21 | 8/9/2018 | **8.5** S | <1.0 | 11 | <1.0 | 1.2 | <1.0 | **66** |
| MW-46 | Onsite | 16-21 | 11/2/2018 | 7 S | <1.0 | 4.6 | <1.0 | 0.56 J | <1.0 | **32** |
| MW-46 | Onsite | 16-21 | 2/26/2019 | 3 S | <1.0 | 1.4 | <1.0 | 0.20 J | <1.0 | **17** |
| MW-46 | Onsite | 16-21 | 6/11/2019 | **11** S | <3.3 | 4.0 | <3.3 | <3.3 | <3.3 | **87** |
| MW-46 | Onsite | 16-21 | 9/25/2019 | 4.8 S | <1.0 | 5.0 | <1.0 | 0.53 J | <1.0 | **20** |
| MW-46 | Onsite | 16-21 | 11/7/2019 | **7.7** S | <1.0 | 5.5 | <1.0 | 0.91 J | <1.0 | **32** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-46 | Onsite | 16-21 | 2/12/2020 | 2.7 | S | <1.0 | 2.7 | <1.0 | 0.41 J | <1.0 | **17** |
| MW-46 | Onsite | 16-21 | 5/22/2020 | 3.4 | S | <1.0 | 3.1 | <1.0 | 0.31 J | <1.0 | **47** |
| MW-46 | Onsite | 16-21 | 8/10/2020 | 4.1 | S | <1.0 | 6.8 | <1.0 | 0.64 J | <1.0 | **40** |
| MW-46 | Onsite | 16-21 | 11/3/2020 | 1.7 J | S | <1.0 | 5.5 | <1.0 | 0.73 J | <1.0 | **21** |
| MW-46 | Onsite | 16-21 | 2/18/2021 | <2.0 | S | <1.0 | 4.2 | <1.0 | 0.64 J | <1.0 | **14** |
| MW-46 | Onsite | 16-21 | 5/7/2021 | 2.2 | S | <1.0 | 2.3 | <1.0 | 0.27 J | <1.0 | **15** |
| MW-46 | Onsite | 16-21 | 8/5/2021 | 2.9 | S | <1.0 | 5.8 | <1.0 | 0.78 J | <1.0 | **28** |
| MW-46 | Onsite | 16-21 | 11/16/2021 | <2.0 | S | <1.0 | 3.1 | <1.0 | <1.0 | <1.0 | **8.0** |
| MW-46 | Onsite | 16-21 | 2/23/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-46 | Onsite | 16-21 | 5/16/2022 | <2.0 | S | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | **7.5** |
| MW-46 | Onsite | 16-21 | 8/18/2022 | 4.6 | S | <1.0 | 4.3 | <1.0 | <1.0 | <1.0 | **32** |
| MW-46 | Onsite | 16-21 | 11/15/2022 | 5.3 | S | <1.0 | 5.6 | <1.0 | 0.65 J | <1.0 | **35** |
| MW-46 | Onsite | 16-21 | 3/13/2023 | 2.2 | S | <1.0 | 0.77 J | <1.0 | <1.0 | <1.0 | **19** |
| MW-46 | Onsite | 16-21 | 5/17/2023 | **7.6 [6.6]** | S | <1.0 [<1.0] | 2.7 [2.7] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | **49 [42]** |
| MW-46 | Onsite | 16-21 | 8/8/2023 | <2.0 | S | <1.0 | 0.60 J | <1.0 | <1.0 | <1.0 | 0.87 J |
| MW-46 | Onsite | 16-21 | 11/13/2023 | 5.7 | S | <1.0 | 2.8 | <1.0 | 0.54 J | <1.0 | **9.0** |
| MW-46 | Onsite | 16-21 | 2/29/2024 | 1.8 J | S | <1.0 | 0.59 J | <1.0 | <1.0 | <1.0 | **2.7** |
| MW-46 | Onsite | 16-21 | 5/16/2024 | 1.9 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.9 |
| MW-46 | Onsite | 16-21 | 8/15/2024 | 3.3 | S | <1.0 | 0.84 J | <1.0 | <1.0 | <1.0 | **4.1** |
| MW-46 | Onsite | 16-21 | 11/15/2024 | 6.2 | S | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | **28** |
| MW-46 | Onsite | 16-21 | 2/26/2025 | 1.8 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.3** |
| MW-46 | Onsite | 16-21 | 5/12/2025 | 3.3 | S | <1.0 | 2.7 | <1.0 | <1.0 | <1.0 | **24** |
| MW-47 | Onsite | 16-21 | 5/12/2016 | **9.9** | S | < 13 | 27 | < 13 | < 13 | < 13 | **330** |
| MW-47 | Onsite | 16-21 | 4/24/2017 | 0.72 J | S | <5.0 | 69 | <5.0 | 7.1 | <5.0 | **120** |
| MW-47 | Onsite | 16-21 | 7/31/2017 | <2.0 B | S | <4.0 | 69 | <4.0 | 8.6 | <4.0 | **110** |
| MW-47 | Onsite | 16-21 | 11/10/2017 | 0.52 J | S | <10 | **79** | <10 | 9.3 J | <10 | **220** |
| MW-47 | Onsite | 16-21 | 5/10/2018 | <2.0 | S | <5.0J | 49 J | <5.0J | 6.5 J | <5.0J | **88 J** |
| MW-47 | Onsite | 16-21 | 8/9/2018 | <2.0 | S | 0.43 J | 55 | <1.7 | 7.2 | <1.7 | **59** |
| MW-47 | Onsite | 16-21 | 10/25/2018 | <2.0 | S | <5.0 | 48 | <5.0 | 7.1 | <5.0 | **100** |
| MW-47 | Onsite | 16-21 | 2/28/2019 | <2.0 | S | <2.5 | 32 | <2.5 | 5.4 | <2.5 | **44** |
| MW-47 | Onsite | 16-21 | 6/12/2019 | <2.0 | S | <4.0 | 25 | <4.0 | 5.3 | <4.0 | **120** |
| MW-47 | Onsite | 16-21 | 9/25/2019 | <2.0 | S | 0.59 J | 32 | <1.0 | 5.6 | <1.0 | **94** |
| MW-47 | Onsite | 16-21 | 11/6/2019 | <2.0 | S | 0.42 J | 28 | <1.0 | 5.2 | <1.0 | **96** |
| MW-47 | Onsite | 16-21 | 2/7/2020 | <2.0 | S | <2.5 | 22 | <2.5 | 4.5 | <2.5 | **74** |
| MW-47 | Onsite | 16-21 | 5/21/2020 | <2.0 | S | <2.0 | 16 | <2.0 | 3.7 | <2.0 | **85** |
| MW-47 | Onsite | 16-21 | 8/10/2020 | 0.91 J | S | <4.0 | 14 | <4.0 | 3.4 J | <4.0 | **100** |
| MW-47 | Onsite | 16-21 | 11/3/2020 | <2.0 | S | <4.0 | 13 | <4.0 | 2.6 J | <4.0 | **130 J** |
| MW-47 | Onsite | 16-21 | 2/18/2021 | <2.0 | S | <4.0 | 9.6 | <4.0 | 2.3 J | <4.0 | **110** |
| MW-47 | Onsite | 16-21 | 5/5/2021 | <2.0 [<2.0 ] | S | <4.0 [<6.7] | 4.0 [4.9 J] | <4.0 [<6.7] | 1.7 J [1.5 J] | <4.0 [<6.7] | **120 [65]** |
| MW-47 | Onsite | 16-21 | 8/5/2021 | <2.0 [<2.0 ] | S | <1.0 [<1.0] | 8.3 [7.4] | <1.0 [<1.0] | 1.6 [1.5] | <1.0 [<1.0] | **29 [27]** |
| MW-47 | Onsite | 16-21 | 11/12/2021 | <2.0 | S | <1.0 | 11 | <1.0 | 2.2 | <1.0 | **36** |
| MW-47 | Onsite | 16-21 | 2/23/2022 | <2.0 | S | <1.0 | 0.69 J | <1.0 | <1.0 | <1.0 | 0.76 J |
| MW-47 | Onsite | 16-21 | 5/16/2022 | 1.6 J [1.9 J] | S | <1.0 [<1.0] | 5.8 [5.8] | <1.0 [<1.0] | 1.6 [1.3] | <1.0 [<1.0] | **17 [19]** |
| MW-47 | Onsite | 16-21 | 8/15/2022 | <2.0 | S | <1.0 | 8.1 | <1.0 | 1.8 | <1.0 | **20** |
| MW-47 | Onsite | 16-21 | 11/17/2022 | <2.0 [<2.0 ] | S | <1.0 [<1.0] | 5.9 [4.8] | <1.0 [<1.0] | 0.96 J [0.74 J] | <1.0 [<1.0] | **8.0 [5.4]** |
| MW-47 | Onsite | 16-21 | 3/14/2023 | 1.7 J | S | <1.0 | 7.7 | <1.0 | 1.4 | <1.0 | **28** |
| MW-47 | Onsite | 16-21 | 5/17/2023 | 1.8 J | S | <1.0 | 8.7 | <1.0 | 1.3 | <1.0 | **30** |
| MW-47 | Onsite | 16-21 | 8/8/2023 | <2.0 | S | <1.0 | 11 | <1.0 | 2.2 | <1.0 | **32** |
| MW-47 | Onsite | 16-21 | 11/13/2023 | 1.2 J | S | <1.0 | 8.0 | <1.0 | 1.6 | <1.0 | **23** |
| MW-47 | Onsite | 16-21 | 2/29/2024 | 0.96 J | S | <1.0 | 7.1 | <1.0 | 1.1 | <1.0 | **8.9** |

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**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-47 | Onsite | 16-21 | 5/24/2024 | 1.5 J | S | <1.0 | 5.7 | <1.0 | 0.88 J | <1.0 | **14** |
| MW-47 | Onsite | 16-21 | 8/9/2024 | 1.3 J | S | <1.0 | 6.0 | <1.0 | 0.90 J | <1.0 | **16** |
| MW-47 | Onsite | 16-21 | 11/14/2024 | 1.9 J | S | <1.0 | 5.5 | <1.0 | 0.92 J | <1.0 | **10** |
| MW-47 | Onsite | 16-21 | 2/25/2025 | 1.6 J | S | <1.0 | 4.0 | <1.0 | 0.64 J | <1.0 | **4.2** |
| MW-47 | Onsite | 16-21 | 5/12/2025 | 1.3 J | S | <1.0 | 4.8 | <1.0 | 0.76 J | <1.0 | **3.8** |
| MW-48 | Onsite | 17-22 | 5/11/2016 | 1.8 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **6.6** |
| MW-48 | Onsite | 17-23 | 4/21/2017 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.85 J |
| MW-48 | Onsite | 17-23 | 8/1/2017 | **9.5** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **11** |
| MW-48 | Onsite | 17-23 | 11/14/2017 | 2.1 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **5.2** |
| MW-48 | Onsite | 17-23 | 2/12/2018 | **7.7** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.8** |
| MW-48 | Onsite | 17-23 | 5/15/2018 | **12** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **7.4** |
| MW-48 | Onsite | 17-23 | 8/6/2018 | 6.2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **5.3** |
| MW-48 | Onsite | 17-23 | 10/25/2018 | 6.5 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **6.6** |
| MW-48 | Onsite | 17-23 | 3/4/2019 | 1.6 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.24 J |
| MW-48 | Onsite | 17-23 | 6/13/2019 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-48 | Onsite | 17-23 | 9/20/2019 | 5.3 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.6 |
| MW-48 | Onsite | 17-23 | 11/6/2019 | 2.5 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.57 J |
| MW-48 | Onsite | 17-23 | 2/11/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-48 | Onsite | 17-23 | 5/26/2020 | 6.7 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.8 |
| MW-48 | Onsite | 17-23 | 8/6/2020 | **9.6** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.8** |
| MW-48 | Onsite | 17-23 | 10/30/2020 | 4.4 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.27 J |
| MW-48 | Onsite | 17-23 | 2/15/2021 | 2.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.7 |
| MW-48 | Onsite | 17-23 | 5/5/2021 | 3.6 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.22 J |
| MW-48 | Onsite | 17-23 | 8/10/2021 | 1.8 J | S | <1.0 | 6.7 | <1.0 | <1.0 | <1.0 | 1.8 |
| MW-48R | Onsite | 17-22 | 2/22/2022 | **9.3** | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.1** |
| MW-48R | Onsite | 17-22 | 5/10/2022 | **12** | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** |
| MW-48R | Onsite | 17-22 | 8/19/2022 | **12** | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-48R | Onsite | 17-22 | 11/16/2022 | **8.6** | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.61 J |
| MW-48R | Onsite | 17-22 | 2/24/2023 | **8.8** | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.76 J |
| MW-48R | Onsite | 17-22 | 3/16/2023 | 3.6 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-48R | Onsite | 17-22 | 5/16/2023 | **8.6** | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-48R | Onsite | 17-22 | 8/7/2023 | **8.4 J** | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-48R | Onsite | 17-22 | 11/10/2023 | **10** | S | < 1.0 J | 0.87 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-48R | Onsite | 17-22 | 3/4/2024 | **8.1** | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-48R | Onsite | 17-22 | 5/24/2024 | **9.6** | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-48R | Onsite | 17-22 | 8/15/2024 | **9** | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-48R | Onsite | 17-22 | 11/14/2024 | 5.7 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-48R | Onsite | 17-22 | 2/25/2025 | **8.1** | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-48R | Onsite | 17-22 | 5/16/2025 | **9.8** | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-50 | Onsite | 16-21 | 5/11/2016 | 3.3 | S | < 4.0 | 23 | < 4.0 | < 4.0 | < 4.0 | **110** |
| MW-50 | Onsite | 16-21 | 4/21/2017 | 1.5 J | S | <5.0 | 13 | <5.0 | <5.0 | <5.0 | **48** |
| MW-50 | Onsite | 16-21 | 7/31/2017 | 2.2 | S | <4.0 | 15 | <4.0 | <4.0 | <4.0 | **140** |
| MW-50 | Onsite | 16-21 | 11/13/2017 | 0.68 J | S | <5.0 | 23 | <5.0 | <5.0 | <5.0 | **150** |
| MW-50 | Onsite | 16-21 | 2/12/2018 | 0.78 J | S | <5.0 | 22 | <5.0 | <5.0 | <5.0 | **76** |
| MW-50 | Onsite | 16-21 | 5/9/2018 | 2.8 | S | <5.0 | 12 | <5.0 | <5.0 | <5.0 | **150** |
| MW-50 | Onsite | 16-21 | 8/6/2018 | 1.7 J | S | 0.26 J | 17 | <1.0 | 0.31 J | <1.0 | **97** |
| MW-50 | Onsite | 16-21 | 10/24/2018 | 2.8 | S | <5.0 | 16 | <5.0 | <5.0 | <5.0 | **99** |
| MW-50 | Onsite | 16-21 | 2/27/2019 | 3.6 | S | <6.7 | 20 | <6.7 | <6.7 | <6.7 | **170** |
| MW-50 | Onsite | 16-21 | 6/12/2019 | 3.3 | S | <1.0 | 9.4 | <1.0 | 0.31 J | <1.0 | **200** |
| MW-50 | Onsite | 16-21 | 9/20/2019 | 3.1 | S | <1.0 | 5.2 | <1.0 | <1.0 | <1.0 | **120** |
| MW-50 | Onsite | 16-21 | 11/5/2019 | 2 | S | <1.0 | 5.8 | <1.0 | 0.25 J | <1.0 | **120** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-50 | Onsite | 16-21 | 2/11/2020 | 1.7 J S | <5.0 | 11 | <5.0 | <5.0 | <5.0 | **110** |
| MW-50 | Onsite | 16-21 | 5/26/2020 | 2.9 S | <10 | 13 | <10 | <10 | <10 | **180** |
| MW-50 | Onsite | 16-21 | 8/6/2020 | 2.5 S | <10 | 18 | <10 | <10 | <10 | **240** |
| MW-50 | Onsite | 16-21 | 11/2/2020 | 1.9 J S | <3.3 | 2.3 J | <3.3 | <3.3 | <3.3 | **57** |
| MW-50 | Onsite | 16-21 | 2/11/2021 | 1.3 J S | <10 | 17 | <10 | <10 | <10 | **160** |
| MW-50 | Onsite | 16-21 | 5/7/2021 | 1.7 J S | <10 | 9.6 J | <10 | <10 | <10 | **130** |
| MW-50 | Onsite | 16-21 | 8/9/2021 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-50 | Onsite | 16-21 | 11/16/2021 | <2.0 S | <4.0 | 16 | <4.0 | <4.0 | <4.0 | **94** |
| MW-50 | Onsite | 16-21 | 2/21/2022 | <2.0 S | <1.0 | 4.6 | <1.0 | <1.0 | <1.0 | **32** |
| MW-50 | Onsite | 16-21 | 5/10/2022 | 1.4 J S | <1.0 | 6.6 | <1.0 | <1.0 | <1.0 | **190** |
| MW-50 | Onsite | 16-21 | 8/18/2022 | <2.0 S | <7.1 | 10 | <7.1 | <7.1 | <7.1 | **160** |
| MW-50 | Onsite | 16-21 | 11/14/2022 | <2.0 S | <7.1 | 9.0 | <7.1 | <7.1 | <7.1 | **240** |
| MW-50 | Onsite | 16-21 | 2/23/2023 | 0.92 J [1.2 J] S | <6.7 [<10] | 19 [20] | <6.7 [<10] | <6.7 [<10] | <6.7 [<10] | **330 [340]** |
| MW-50 | Onsite | 16-21 | 5/16/2023 | 1.9 J S | <2.0 | 17 | <2.0 | <2.0 | <2.0 | **370** |
| MW-50 | Onsite | 16-21 | 8/16/2023 | 1.3 J S | <6.7 | 9.5 | <6.7 | <6.7F | <6.7F | **210** |
| MW-50 | Onsite | 16-21 | 11/15/2023 | <2.0 [<2.0 ] S | <1.0 [<1.0] | 8.0 [11] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | **30 [28]** |
| MW-50 | Onsite | 16-21 | 2/28/2024 | <2.0 S | <1.0 | 5.1 | <1.0 | <1.0 | <1.0 | **40** |
| MW-50 | Onsite | 16-21 | 5/20/2024 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-50 | Onsite | 16-21 | 8/15/2024 | 1.9 J S | <1.0 | 4.2 | <1.0 | <1.0 | <1.0 | **160** |
| MW-50 | Onsite | 16-21 | 11/22/2024 | <2.0 S | <1.0 | 6.3 | <1.0 | <1.0 | <1.0 | **81** |
| MW-50 | Onsite | 16-21 | 2/21/2025 | <2.0 S | <1.0 | 5.7 | <1.0 | <1.0 | <1.0 | **98** |
| MW-50 | Onsite | 16-21 | 5/15/2025 | 1.9 J S | <1.0 | 4.4 | <1.0 | <1.0 | <1.0 | **100** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 5/11/2016 | 3.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **7.6** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 7/27/2017 | 1.3 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **7.0** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 11/10/2017 | 0.68 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **9.1** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 2/13/2018 | 1.2 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **4.0** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 5/9/2018 | 0.30 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **4.3** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 8/10/2018 | 1.8 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **4.5** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 10/31/2018 | 2.7 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **5.0** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 3/2/2019 | 1.9 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.9** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 6/15/2019 | 1.2 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.4** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 9/28/2019 | 1.1 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **5.9** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 11/23/2019 | 0.64 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **4.7** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 2/8/2020 | 1.5 J [1.5 J] S | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | **4.3 [4.1]** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 5/30/2020 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **4.5** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 8/22/2020 | 1.4 J S | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | **3.0 J** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 11/14/2020 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.5** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 2/13/2021 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.3** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 5/15/2021 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.7** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 8/21/2021 | 1.6 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.2** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 11/13/2021 | 2.0 [2.1] S | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | **2.7 [2.4]** |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 2/19/2022 | <2.0 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 5/21/2022 | 1.1 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.6 |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 8/20/2022 | 1.8 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.7 |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 11/12/2022 | 1.5 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 2.0 |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 3/9/2023 | 2.7 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 5/18/2023 | 2.8 [3.0] S | <1.0 [<1.0] | <1.0+ [<1.0+] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | 1.4 [1.5] |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 8/15/2023 | 1.8 J S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 11/14/2023 | 2.6 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 3/7/2024 | 2.7 S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.90 J |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 5/21/2024 | 3.3 B S | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J | 1.2 J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 8/9/2024 | 2.8 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.4 |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 11/20/2024 | 2.7 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.4 |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 2/26/2025 | 2.4 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.86 J |
| MW-52 | Onsite (behind 12499 Belden) | 15-20 | 5/9/2025 | 3.1 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 5/10/2016 | 1.8 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.50 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 4/24/2017 | 1.1 J [1.1 J] | S | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 7/27/2017 | 2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.63 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 11/8/2017 | 0.61 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 2/7/2018 | 1.1 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 5/9/2018 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 8/13/2018 | 1.6 J | S | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J | 0.45 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 10/31/2018 | 1.8 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.60 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 2/28/2019 | 1.7 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0J | <1.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 6/10/2019 | 2.5 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 9/28/2019 | 1.5 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.84 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 11/20/2019 | 1.3 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.80 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 2/12/2020 | 1.5 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.20 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 5/21/2020 | NA | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 8/11/2020 | 1.5 J | S | <1.0F | <1.0F | <1.0 | <1.0F | <1.0 | <1.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 11/4/2020 | 1.5 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.68 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 2/24/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.22 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 5/6/2021 | 1.8 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.65 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 8/4/2021 | 0.99 J | S | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 11/16/2021 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.48 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 3/3/2022 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 5/19/2022 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 8/8/2022 | 1.1 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.54 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 11/15/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 3/15/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.57 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 5/4/2023 | 1.0 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.50 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 8/9/2023 | 0.89 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.69 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 11/13/2023 | 1.0 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.66 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 2/27/2024 | 1.2 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.77 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 5/17/2024 | 1.1 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.58 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 8/16/2024 | 1.0 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.47 J |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 11/11/2024 | 0.92 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 2/27/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | 0.74 J | <1.0 |
| MW-53 | Onsite (behind 12555 Belden) | 16-21 | 5/20/2025 | 1.2 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.74 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 7/27/2017 | 1.5 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.88 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 11/8/2017 | 2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 2/7/2018 | 2.7 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 5/9/2018 | 1.7 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.98 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 8/13/2018 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.34 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 10/31/2018 | 2.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.85 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 6/10/2019 | 3 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.87 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 9/27/2019 | 2.2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.84 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 11/19/2019 | 2.4 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 2/12/2020 | 2.5 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 5/21/2020 | 1.9 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.91 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 8/11/2020 | 1.8 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 11/5/2020 | 1.9 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.99 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 2/24/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.74 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 5/6/2021 | 2.2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 8/4/2021 | 1.6 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 11/18/2021 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 3/3/2022 | 2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 5/13/2022 | 1.3 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.89 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 8/9/2022 | <4.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.83 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 11/18/2022 | 1.6 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.67 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 2/24/2023 | 1.6 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.92 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 5/4/2023 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 8/10/2023 | 1.0 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.66 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 11/15/2023 | 1.9 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 2/27/2024 | 1.8 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.3 |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 5/17/2024 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 8/13/2024 | 1.6 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.99 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 11/21/2024 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.83 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 2/20/2025 | 1.8 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.95 J |
| MW-54 | Onsite (behind 12555 Belden) | 16-21 | 5/14/2025 | 1.7 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.86 J |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 4/29/2019 | <2.0 | S | <1.0 | 0.26 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 6/10/2019 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 9/27/2019 | <2.0 | S | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 11/19/2019 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 2/12/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 5/21/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 8/11/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 11/5/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 2/24/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 5/6/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 8/4/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 11/18/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 3/3/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 5/13/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 8/9/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 11/18/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 2/24/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 5/4/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 8/10/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 11/15/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 2/27/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 5/17/2024 | < 0.89 B | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 8/13/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 11/21/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 2/27/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-54S | Onsite (behind 12555 Belden) | 4.5-9.5 | 5/14/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55 | Onsite | 15-20 | 7/27/2017 | 1.2 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.84 J |
| MW-55 | Onsite | 15-20 | 11/8/2017 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.65 J |
| MW-55 | Onsite | 15-20 | 2/7/2018 | 0.96 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55 | Onsite | 15-20 | 5/10/2018 | 1.2 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.48 J |
| MW-55 | Onsite | 15-20 | 8/13/2018 | 1.1 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.39 J |
| MW-55 | Onsite | 15-20 | 10/31/2018 | 1.6 J | S | <1.0 | 0.19 J | <1.0 | <1.0 | <1.0 | 0.57 J |
| MW-55 | Onsite | 15-20 | 2/27/2019 | <2.0 | S | <1.0 | <1.0 | <1.0J | <1.0 | <1.0J | 0.54 J |
| MW-55 | Onsite | 15-20 | 6/11/2019 | 1.2 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.48 J |
| MW-55 | Onsite | 15-20 | 9/25/2019 | <2.0 | S | <1.0 | 0.89 J | <1.0 | <1.0 | <1.0 | 0.58 J |
| MW-55 | Onsite | 15-20 | 11/20/2019 | 0.65 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.50 J |
| MW-55 | Onsite | 15-20 | 2/11/2020 | <2.0 | S | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| MW-55 | Onsite | 15-20 | 8/11/2020 | 1.1 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55 | Onsite | 15-20 | 11/6/2020 | 1.8 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.31 J |

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**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-55 | Onsite | 15-20 | 2/25/2021 | <2.0 | S | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| MW-55 | Onsite | 15-20 | 5/21/2021 | <4.0 | S | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| MW-55 | Onsite | 15-20 | 11/17/2021 | <4.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55 | Onsite | 15-20 | 5/17/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55 | Onsite | 15-20 | 11/16/2022 | <4.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55 | Onsite | 15-20 | 5/5/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55 | Onsite | 15-20 | 11/21/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55 | Onsite | 15-20 | 5/23/2024 | 1.1 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55 | Onsite | 15-20 | 11/11/2024 | 1.2 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55 | Onsite | 15-20 | 5/15/2025 | 1.5 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55D | Onsite | 19-24 | 6/11/2019 | 2.8 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.34 J |
| MW-55D | Onsite | 19-24 | 9/25/2019 | 2.6 | S | <1.0 | 0.79 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55D | Onsite | 19-24 | 11/20/2019 | 1.8 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55D | Onsite | 19-24 | 2/12/2020 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.35 J |
| MW-55D | Onsite | 19-24 | 8/11/2020 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55D | Onsite | 19-24 | 11/6/2020 | 2.1 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55D | Onsite | 19-24 | 2/25/2021 | <2.0 | S | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| MW-55D | Onsite | 19-24 | 5/21/2021 | <2.0 | S | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| MW-55D | Onsite | 19-24 | 11/17/2021 | <4.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55D | Onsite | 19-24 | 5/17/2022 | 1.5 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55D | Onsite | 19-24 | 11/16/2022 | <4.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55D | Onsite | 19-24 | 5/5/2023 | 0.93 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.53 J |
| MW-55D | Onsite | 19-24 | 11/21/2023 | 1.1 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55D | Onsite | 19-24 | 5/23/2024 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55D | Onsite | 19-24 | 11/11/2024 | 1.7 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-55D | Onsite | 19-24 | 5/15/2025 | 2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-57 | Onsite | 17-22 | 7/27/2017 | 4.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-57 | Onsite | 17-22 | 11/7/2017 | 4.9 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-57 | Onsite | 17-22 | 2/9/2018 | 4.9 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.59 J |
| MW-57 | Onsite | 17-22 | 5/9/2018 | 3.9 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.56 J |
| MW-57 | Onsite | 17-22 | 8/6/2018 | 4.5 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.39 J |
| MW-57 | Onsite | 17-22 | 10/25/2018 | 4.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.64 J |
| MW-57 | Onsite | 17-22 | 2/28/2019 | 3.1 [2.0] | S | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0J] | <1.0 [<1.0] | <1.0 [<1.0J] | 0.88 J [0.77 J] |
| MW-57 | Onsite | 17-22 | 6/11/2019 | 3.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.77 J |
| MW-57 | Onsite | 17-22 | 9/27/2019 | 3.3 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.90 J |
| MW-57 | Onsite | 17-22 | 11/19/2019 | 1.8 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.96 J |
| MW-57 | Onsite | 17-22 | 2/12/2020 | 1.2 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.60 J |
| MW-57 | Onsite | 17-22 | 5/20/2020 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.67 J |
| MW-57 | Onsite | 17-22 | 8/12/2020 | 1.8 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.3 |
| MW-57 | Onsite | 17-22 | 11/5/2020 | 1.8 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-57 | Onsite | 17-22 | 2/25/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.57 J |
| MW-57 | Onsite | 17-22 | 5/6/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.6 |
| MW-57 | Onsite | 17-22 | 8/4/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-57 | Onsite | 17-22 | 11/18/2021 | 1.6 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-57 | Onsite | 17-22 | 3/3/2022 | 1.2 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.68 J |
| MW-57 | Onsite | 17-22 | 5/13/2022 | 0.98 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.77 J |
| MW-57 | Onsite | 17-22 | 8/8/2022 | 1.7 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.85 J |
| MW-57 | Onsite | 17-22 | 11/11/2022 | 1.6 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.61 J |
| MW-57 | Onsite | 17-22 | 2/24/2023 | 1.8 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.47 J |
| MW-57 | Onsite | 17-22 | 5/4/2023 | 2.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.66 J |
| MW-57 | Onsite | 17-22 | 8/4/2023 | 2.8 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-57 | Onsite | 17-22 | 11/15/2023 | 2.6 | S | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J | 0.64 J |
| MW-57 | Onsite | 17-22 | 2/27/2024 | 2.7 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.67 J |
| MW-57 | Onsite | 17-22 | 5/17/2024 | 4.2 B | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.66 J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-57 | Onsite | 17-22 | 8/9/2024 | 2.8 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.77 J |
| MW-57 | Onsite | 17-22 | 11/19/2024 | 2.1 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.45 J |
| MW-57 | Onsite | 17-22 | 2/24/2025 | 2.4 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.57 J |
| MW-57 | Onsite | 17-22 | 5/20/2025 | 1.3 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.71 J |
| MW-62 | Onsite | 16.3-21.3 | 4/21/2017 | 2.8 | S | <1.0 | 1.6 | <1.0 | <1.0 | <1.0 | 1.3 |
| MW-62 | Onsite | 16.3-21.3 | 7/31/2017 | 3.7 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-62 | Onsite | 16.3-21.3 | 11/13/2017 | 3.7 | S | <1.0 | 0.30 J | <1.0 | <1.0 | <1.0 | 1.0 |
| MW-62 | Onsite | 16.3-21.3 | 2/6/2018 | 2.1 | S | <1.0 | 0.30 J | <1.0 | <1.0 | <1.0 | 1.3 |
| MW-62 | Onsite | 16.3-21.3 | 5/9/2018 | 1.5 J | S | <1.0 | 0.83 J | <1.0 | <1.0 | <1.0 | 1.2 |
| MW-62 | Onsite | 16.3-21.3 | 8/6/2018 | 3.1 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.66 J |
| MW-62 | Onsite | 16.3-21.3 | 10/24/2018 | 2.3 | S | <1.0 | 0.23 J | <1.0 | <1.0 | <1.0 | 1.0 |
| MW-62 | Onsite | 16.3-21.3 | 2/27/2019 | 2.4 | S | <1.0 | 0.33 J | <1.0 | <1.0 | <1.0 | 0.73 J |
| MW-62 | Onsite | 16.3-21.3 | 6/12/2019 | 2 | S | <1.0 | 0.31 J | <1.0 | <1.0 | <1.0 | 0.62 J |
| MW-62 | Onsite | 16.3-21.3 | 9/27/2019 | 3.1 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.65 J |
| MW-62 | Onsite | 16.3-21.3 | 11/5/2019 | 3 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 |
| MW-62 | Onsite | 16.3-21.3 | 2/11/2020 | 4.7 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 |
| MW-62 | Onsite | 16.3-21.3 | 5/26/2020 | 4.2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-62 | Onsite | 16.3-21.3 | 8/6/2020 | 4.8 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.98 J |
| MW-62 | Onsite | 16.3-21.3 | 11/2/2020 | 3.2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.77 J |
| MW-62 | Onsite | 16.3-21.3 | 2/11/2021 | 2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.44 J |
| MW-62 | Onsite | 16.3-21.3 | 5/7/2021 | 2.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.41 J |
| MW-62 | Onsite | 16.3-21.3 | 8/10/2021 | 3.3 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.72 J |
| MW-62 | Onsite | 16.3-21.3 | 11/16/2021 | 1.1 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.63 J |
| MW-62 | Onsite | 16.3-21.3 | 2/21/2022 | 1.7 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-62 | Onsite | 16.3-21.3 | 5/10/2022 | 2.7 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.66 J |
| MW-62 | Onsite | 16.3-21.3 | 8/19/2022 | 2.8 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.3 |
| MW-62 | Onsite | 16.3-21.3 | 11/18/2022 | 2.1 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.75 J |
| MW-62 | Onsite | 16.3-21.3 | 2/23/2023 | 2.4 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.88 J |
| MW-62 | Onsite | 16.3-21.3 | 5/16/2023 | 1.6 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.4 |
| MW-62 | Onsite | 16.3-21.3 | 8/16/2023 | 2.6 | S | <1.0 | 0.92 JB | <1.0 | <1.0 | <1.0 | 0.99 J |
| MW-62 | Onsite | 16.3-21.3 | 11/13/2023 | 3.4 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.3 |
| MW-62 | Onsite | 16.3-21.3 | 2/28/2024 | 2.2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.3 |
| MW-62 | Onsite | 16.3-21.3 | 5/15/2024 | 2 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 |
| MW-62 | Onsite | 16.3-21.3 | 8/15/2024 | 1.9 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.90 J |
| MW-62 | Onsite | 16.3-21.3 | 11/22/2024 | 1.2 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.9 |
| MW-62 | Onsite | 16.3-21.3 | 2/21/2025 | <2.0 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.79 J |
| MW-62 | Onsite | 16.3-21.3 | 5/15/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.76 J |
| MW-63 | Onsite | 7-12 | 4/21/2017 | **19** | S | <1000 | <1000 | <1000 | <1000 | <1000 | <1000 |
| MW-63 | Onsite | 7-12 | 5/25/2017 | NA | | <1000 | <1000 | <1000 | <1000 | <1000 | <1000 |
| MW-63 | Onsite | 7-12 | 7/31/2017 | <2.0 B | S | <100 | <100 | <100 | <100 | <100 | <100 |
| MW-63 | Onsite | 7-12 | 11/13/2017 | <2.0 | S | <10 | <10 | <10 | <10 | <10 | <10 |
| MW-63 | Onsite | 7-12 | 2/7/2018 | <2.0 | S | <1.0 | 1.7 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 5/9/2018 | <2.0 | S | <1.0 | 2.5 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 8/6/2018 | <2.0 | S | <1.0 | 3.3 | <1.0 | 0.30 J | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 10/24/2018 | <2.0 | S | <1.0 | 2.2 | <1.0 | 0.29 J | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 2/28/2019 | <2.0 | S | <1.0 | 1.8 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 6/12/2019 | <2.0 | S | <1.0 | 2.9 | <1.0 | 0.42 J | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 9/20/2019 | <2.0 | S | <1.0 | 1.4 | <1.0 | <1.0 | <1.0 | 0.24 J |
| MW-63 | Onsite | 7-12 | 11/5/2019 | <2.0 | S | <1.0 | 1.3 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 2/11/2020 | <2.0 | S | <1.0 | 0.73 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 5/26/2020 | <2.0 | S | <1.0 | 0.68 J | <1.0 | <1.0 | <1.0 | 0.67 J |
| MW-63 | Onsite | 7-12 | 8/6/2020 | <2.0 | S | <1.0 | 0.92 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 11/2/2020 | <2.0 | S | <1.0 | 0.59 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 2/11/2021 | <2.0 | S | <1.0 | 0.48 J | <1.0 | <1.0 | <1.0 | <1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-63 | Onsite | 7-12 | 5/5/2021 | <2.0 | S | <1.0 | 0.38 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 8/9/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 11/15/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 2/22/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 5/10/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 8/15/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 11/15/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 2/23/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 5/16/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 8/16/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 11/17/2023 | <2.0 | S | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J | <1.0J |
| MW-63 | Onsite | 7-12 | 3/4/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 5/24/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 8/14/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 11/13/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 2/21/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-63 | Onsite | 7-12 | 5/14/2025 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-64 | Onsite | 15-20 | 4/24/2017 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.4** |
| MW-64 | Onsite | 15-20 | 7/27/2017 | 0.32 J | S | <1.0 | 0.37 J | <1.0 | <1.0 | <1.0 | **4.8** |
| MW-64 | Onsite | 15-20 | 11/7/2017 | <2.0 | S | <1.0 | 0.31 J | <1.0 | <1.0 | <1.0 | **7.0** |
| MW-64 | Onsite | 15-20 | 2/9/2018 | <2.0 | S | <1.0 | 0.30 J | <1.0 | <1.0 | <1.0 | **6.7** |
| MW-64 | Onsite | 15-20 | 5/10/2018 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.3 |
| MW-64 | Onsite | 15-20 | 8/13/2018 | <2.0 | S | <1.0 | 0.29 J | <1.0 | <1.0 | <1.0 | **5.9** |
| MW-64 | Onsite | 15-20 | 11/5/2018 | <2.0 | S | <1.0 | 0.32 J | <1.0 | <1.0 | <1.0 | **3.0** |
| MW-64 | Onsite | 15-20 | 2/28/2019 | <2.0 | S | <1.0 | 0.23 J | <1.0 | <1.0 | <1.0 | **3.4** |
| MW-64 | Onsite | 15-20 | 6/11/2019 | <2.0 | S | <1.0 | 0.25 J | <1.0 | <1.0 | <1.0 | 1.7 |
| MW-64 | Onsite | 15-20 | 9/27/2019 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **9.9** |
| MW-64 | Onsite | 15-20 | 11/15/2019 | 0.50 J | S | <1.0 | 0.29 J | <1.0 | <1.0 | <1.0 | **7.3** |
| MW-64 | Onsite | 15-20 | 2/3/2020 | <2.0 | S | <1.0 | 0.18 J | <1.0 | <1.0 | <1.0 | 0.69 J |
| MW-64 | Onsite | 15-20 | 5/26/2020 | <2.0 | S | <1.0 | 0.20 J | <1.0 | <1.0 | <1.0 | 1.3 |
| MW-64 | Onsite | 15-20 | 8/5/2020 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.4** |
| MW-64 | Onsite | 15-20 | 11/10/2020 | <2.0 | S | <1.0 | 0.32 J | <1.0 | <1.0 | <1.0 | **4.3** |
| MW-64 | Onsite | 15-20 | 2/17/2021 | <2.0 | S | <1.0 | 0.37 J | <1.0 | <1.0 | <1.0 | **2.6** |
| MW-64 | Onsite | 15-20 | 5/12/2021 | <2.0 | S | <1.0 | 0.28 J | <1.0 | <1.0 | <1.0 | **2.3** |
| MW-64 | Onsite | 15-20 | 8/9/2021 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.3** |
| MW-64 | Onsite | 15-20 | 11/15/2021 | <2.0 | S | <1.0 | 0.52 J | <1.0 | <1.0 | <1.0 | **4.6** |
| MW-64 | Onsite | 15-20 | 2/8/2022 | 4.7 | S | <1.0 | 68 | <1.0 | 2.0 | <1.0 | **11** |
| MW-64 | Onsite | 15-20 | 5/9/2022 | 1.1 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.9 |
| MW-64 | Onsite | 15-20 | 8/15/2022 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.8** |
| MW-64 | Onsite | 15-20 | 11/11/2022 | <2.0 | S | <1.0 | 0.56 J | <1.0 | <1.0 | <1.0 | **4.0** |
| MW-64 | Onsite | 15-20 | 2/28/2023 | <2.0 | S | <1.0 | 0.47 J | <1.0 | <1.0 | <1.0 | **3.0** |
| MW-64 | Onsite | 15-20 | 5/9/2023 | <2.0 | S | <1.0 | 0.47 J | <1.0 | <1.0 | <1.0 | **2.9** |
| MW-64 | Onsite | 15-20 | 8/14/2023 | <2.0 | S | <1.0 | 0.59 J | <1.0 | <1.0 | <1.0 | **2.3** |
| MW-64 | Onsite | 15-20 | 11/9/2023 | <2.0 | S | <1.0 | 0.76 J | <1.0 | <1.0 | <1.0 | **4.0** |
| MW-64 | Onsite | 15-20 | 2/26/2024 | <2.0 | S | <1.0 | 0.78 J | <1.0 | <1.0 | <1.0 | **3.9** |
| MW-64 | Onsite | 15-20 | 5/15/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.6** |
| MW-64 | Onsite | 15-20 | 8/2/2024 | <2.0 [<2.0 ] | S | <1.0 [<1.0] | 0.96 J [0.97 J] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | **7.8 [7.7]** |
| MW-64 | Onsite | 15-20 | 11/18/2024 | <2.0 | S | <1.0 | 1.2 | <1.0 | <1.0 | <1.0+ | **4.5** |
| MW-64 | Onsite | 15-20 | 2/20/2025 | <2.0 | S | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | **3.6** |
| MW-64 | Onsite | 15-20 | 5/23/2025 | <2.0 | S | <1.0 | 0.96 J | <1.0 | <1.0 | <1.0 | **2.5** |
| MW-67 | Onsite | 9-14 | 4/21/2017 | 1.8 J | S | <10 | 47 | <10 | <10 | **94** | **14** |
| MW-67 | Onsite | 9-14 | 7/31/2017 | <2.0 B | S | <4.0 | 36 | <4.0 | 2.4 J | **91** | <4.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-67 | Onsite | 9-14 | 11/14/2017 | <2.0 S | <5.0 | 15 | <5.0 | 1.7 J | **110** | <5.0 |
| MW-67 | Onsite | 9-14 | 2/12/2018 | <2.0 S | <3.3 | 9.6 | <3.3 | 1.1 J | **83** | <3.3 |
| MW-67 | Onsite | 9-14 | 5/14/2018 | <2.0 S | <1.0 | 5.7 | <1.0 | 0.75 J | **57** | 1.3 |
| MW-67 | Onsite | 9-14 | 8/13/2018 | <2.0 S | <2.5 | 4.5 | <2.5 | 0.78 J | **60** | <2.5 |
| MW-67 | Onsite | 9-14 | 10/25/2018 | <2.0 S | <3.3 | 5.6 | <3.3 | 0.88 J | **69** | <3.3 |
| MW-67 | Onsite | 9-14 | 2/28/2019 | <2.0 S | <2.5 | 5.6 | <2.5 | 1.4 J | **41** | 1.7 J |
| MW-67 | Onsite | 9-14 | 6/13/2019 | <2.0 S | <3.3 | <3.3 | <3.3 | <3.3 | <3.3 | <3.3 |
| MW-67 | Onsite | 9-14 | 9/20/2019 | <2.0 S | <1.0 | 8.9 | <1.0 | 1.7 | **70** | 0.72 J |
| MW-67 | Onsite | 9-14 | 11/6/2019 | <2.0 [<2.0] S | 0.34 J [<1.0] | 9.7 [10] | <1.0 [<1.0] | 1.7 [1.3] | **70 [71]** | 0.91 J [0.81 J] |
| MW-67 | Onsite | 9-14 | 2/13/2020 | <2.0 [<2.0] S | <3.3 [<2.0] | 4.8 [5.5] | <3.3 [<2.0] | 0.79 J [0.86 J] | **45 [46]** | <3.3 [<2.0] |
| MW-67 | Onsite | 9-14 | 5/26/2020 | <2.0 S | <3.3 | 5.5 | <3.3 | <3.3 | **49** | <3.3 |
| MW-67 | Onsite | 9-14 | 8/7/2020 | <2.0 S | <2.5 | 7.7 | <2.5 | 1.2 J | **64** | <2.5 |
| MW-67 | Onsite | 9-14 | 11/2/2020 | <2.0 S | <2.5 | 8.5 | <2.5 | 1.2 J | **67** | <2.5 |
| MW-67 | Onsite | 9-14 | 2/15/2021 | <2.0 S | <2.5 | 5.6 | <2.5 | 0.79 J | **44** | <2.5 |
| MW-67 | Onsite | 9-14 | 5/5/2021 | <2.0 S | <2.5 | 5.8 | <2.5 | 1.1 J | **52** | 0.99 J |
| MW-67 | Onsite | 9-14 | 8/12/2021 | <2.0 S | <2.5 | 6.5 | <2.5 | <2.5 | **56** | <2.5 |
| MW-67 | Onsite | 9-14 | 11/15/2021 | <2.0 [<2.0] S | <2.5 [<2.0] | 4.8 [5.2] | <2.5 [<2.0] | <2.5 [1.2 J] | **63 [64]** | <2.5 [<2.0] |
| MW-67 | Onsite | 9-14 | 2/22/2022 | <2.0 S | <1.0 | 3.1 | <1.0 | 0.72 J | **60** | <1.0 |
| MW-67 | Onsite | 9-14 | 5/13/2022 | <2.0 S | <1.0 | 3.3 | <1.0 | 0.59 J | **52** | <1.0 |
| MW-67 | Onsite | 9-14 | 8/19/2022 | <2.0 [<2.0] S | <1.0 [<1.0] | 3.2 [3.2] | <1.0 [<1.0] | <1.0 [<1.0] | **67 [67]** | <1.0 [<1.0] |
| MW-67 | Onsite | 9-14 | 11/15/2022 | <2.0 S | <1.0 | 2.7 | <1.0 | <1.0 | **55** | <1.0 |
| MW-67 | Onsite | 9-14 | 2/24/2023 | <2.0 S | <1.0 | 1.8 | <1.0 | <1.0 | **46** | <1.0 |
| MW-67 | Onsite | 9-14 | 5/18/2023 | <2.0 S | <1.0 | 2.4 J | <1.0 | <1.0 | **54 J** | <1.0 |
| MW-67 | Onsite | 9-14 | 8/7/2023 | <2.0 S | <1.0 | 2.9 | <1.0 | <1.0 | **60** | <1.0 |
| MW-67 | Onsite | 9-14 | 11/10/2023 | <2.0 S | <1.0 | 3.0 | <1.0 | <1.0 | **57 J** | <1.0 |
| MW-67 | Onsite | 9-14 | 2/29/2024 | <2.0 S | <1.0 | 1.7 | <1.0 | <1.0 | **41** | 0.58 J |
| MW-67 | Onsite | 9-14 | 5/22/2024 | <2.0 [<2.0] S | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] | <1.0 [<1.0] |
| MW-67 | Onsite | 9-14 | 8/9/2024 | <2.0 J S | <1.0 | 2.3 | <1.0 | <1.0 | **50** | <1.0 |
| MW-67 | Onsite | 9-14 | 11/14/2024 | <2.0 J S | <1.0 | 1.9 | <1.0 | <1.0 | **44** | <1.0 |
| MW-67 | Onsite | 9-14 | 2/20/2025 | <2.0 S | <1.0 | 1 | <1.0 | <1.0 | **33** | <1.0 |
| MW-67 | Onsite | 9-14 | 5/8/2025 | <2.0 S | <1.0 | 1.4 | <1.0 | <1.0 | **37** | <1.0 |
| MW-68 | Onsite | 15-20 | 4/24/2017 | 0.40 J S | <1.0 | 20 | <1.0 | 1.9 | <1.0 | **12** |
| MW-68 | Onsite | 15-20 | 8/1/2017 | <2.0 B S | <1.0 | 18 | <1.0 | 1.9 | <1.0 | **2.1** |
| MW-68 | Onsite | 15-20 | 11/10/2017 | 0.73 J S | 0.39 J | 13 | <1.0 | 1.5 | <1.0 | **18** |
| MW-68 | Onsite | 15-20 | 2/12/2018 | 0.54 J S | <1.0 | 13 | <1.0 | 1.8 | <1.0 | **2.5** |
| MW-68 | Onsite | 15-20 | 5/15/2018 | <2.0 S | <1.0 | 10 | <1.0 | 1.4 | <1.0 | **2.1** |
| MW-68 | Onsite | 15-20 | 8/9/2018 | <2.0 S | <1.0 | 13 | <1.0 | 1.7 | <1.0 | **2.2** |
| MW-68 | Onsite | 15-20 | 10/25/2018 | <2.0 S | <1.0 | 17 | <1.0 | 2.1 | <1.0 | **2.1** |
| MW-68 | Onsite | 15-20 | 2/27/2019 | <2.0 S | <1.0 | 31 | <1.0 | 3.6 | <1.0B | **17** |
| MW-68 | Onsite | 15-20 | 6/12/2019 | <2.0 S | <1.0 | 31 | <1.0 | 4 | 0.26 J | **19** |
| MW-68 | Onsite | 15-20 | 9/25/2019 | <2.0 S | <1.0 | 32 | <1.0 | 4.2 | <1.0B | **6.8** |
| MW-68 | Onsite | 15-20 | 11/7/2019 | 0.57 J S | <1.0 | 40 | <1.0 | 5.3 | 0.50 J | **17** |
| MW-68 | Onsite | 15-20 | 2/12/2020 | <2.0 S | <1.0 | 34 | <1.0 | 4 | 0.52 J | **10** |
| MW-68 | Onsite | 15-20 | 5/26/2020 | <2.0 S | <1.0 | 29 | <1.0 | 3.9 | <1.0 | **11** |
| MW-68 | Onsite | 15-20 | 8/10/2020 | <2.0 S | <1.0 | 38 | <1.0 | 4.9 | <1.0 | **5.0** |
| MW-68 | Onsite | 15-20 | 11/3/2020 | <2.0 S | <2.0 | 38 | <2.0 | 4.5 | <2.0 | **5.3** |
| MW-68 | Onsite | 15-20 | 2/18/2021 | <2.0 S | <2.0 | 34 | <2.0 | 4.5 | <2.0 | **3.0** |
| MW-68 | Onsite | 15-20 | 5/5/2021 | <2.0 S | <2.0 | 37 | <2.0 | 4.9 | <2.0 | **2.7** |
| MW-68 | Onsite | 15-20 | 8/5/2021 | <2.0 S | <2.0 | 46 | <2.0 | 6 | <2.0 | 0.98 J |
| MW-68 | Onsite | 15-20 | 11/12/2021 | <2.0 S | <1.0 | 46 | <1.0 | 6.9 | <1.0 | 0.66 J |
| MW-68 | Onsite | 15-20 | 2/23/2022 | <2.0 S | <1.0 | 32 | <1.0 | 4.9 | <1.0 | 1.2 |
| MW-68 | Onsite | 15-20 | 5/16/2022 | <2.0 S | <1.0 | 24 | <1.0 | 3.8 | <1.0 | 1.4 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-68 | Onsite | 15-20 | 8/17/2022 | <2.0 | S | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-68 | Onsite | 15-20 | 11/17/2022 | <2.0 | S | <1.0 | 25 | <1.0 | 2.9 | <1.0 | **27** |
| MW-68 | Onsite | 15-20 | 3/13/2023 | 5.1 | S | <1.0 | 8.6 | <1.0 | 1.4 | <1.0 | **52** |
| MW-68 | Onsite | 15-20 | 5/5/2023 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | 4.2 | <1.0 |
| MW-68 | Onsite | 15-20 | 8/7/2023 | <2.0 | S | <1.0 | 0.89 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-68 | Onsite | 15-20 | 11/10/2023 | 4.1 | S | <1.0J | 3.4 J | <1.0J | 0.85 J | <1.0J | **22 J** |
| MW-68 | Onsite | 15-20 | 3/4/2024 | 1.4 J | S | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | **5.6** |
| MW-68 | Onsite | 15-20 | 5/20/2024 | 2.3 | S | <1.0 | 0.99 J | <1.0 | <1.0 | <1.0 | **4.7** |
| MW-68 | Onsite | 15-20 | 8/15/2024 | 2.0 | S | <1.0 | 0.78 J | <1.0 | <1.0 | <1.0 | **3.4** |
| MW-68 | Onsite | 15-20 | 11/19/2024 | 1.9 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.2** |
| MW-68 | Onsite | 15-20 | 2/25/2025 | <2.0 | S | <1.0 | 4.7 | <1.0 | 0.72 J | <1.0 | <1.0 |
| MW-68 | Onsite | 15-20 | 5/16/2025 | 2.6 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.82 J |
| MW-69 | Onsite | 15-20 | 4/25/2017 | **12** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.8** |
| MW-69 | Onsite | 15-20 | 11/10/2017 | **35** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-69 | Onsite | 15-20 | 2/14/2018 | **23** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-69 | Onsite | 15-20 | 5/10/2018 | **7.3** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.3** |
| MW-69 | Onsite | 15-20 | 8/13/2018 | 7.1 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.7** |
| MW-69 | Onsite | 15-20 | 11/6/2018 | **12** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.4 |
| MW-69 | Onsite | 15-20 | 2/28/2019 | 5 | S | <1.0 | 0.19 J | <1.0 | <1.0 | <1.0J | **4.1** |
| MW-69 | Onsite | 15-20 | 6/12/2019 | 6.7 | S | <1.0 | 0.23 J | <1.0 | <1.0 | <1.0 | **3.6** |
| MW-69 | Onsite | 15-20 | 9/23/2019 | 5.3 | S | <1.0 | 0.22 J | <1.0 | <1.0 | <1.0 | **3.5** |
| MW-69 | Onsite | 15-20 | 11/21/2019 | 4.1 | S | <1.0 | 0.30 J | <1.0 | <1.0 | <1.0 | **4.2** |
| MW-69 | Onsite | 15-20 | 2/3/2020 | 5 | S | <1.0 | 0.22 J | <1.0 | <1.0 | <1.0 | **3.5** |
| MW-69 | Onsite | 15-20 | 5/26/2020 | 4.1 | S | <1.0 | 0.28 J | <1.0 | <1.0 | <1.0 | **5.0** |
| MW-69 | Onsite | 15-20 | 8/5/2020 | 4.9 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.2** |
| MW-69 | Onsite | 15-20 | 11/10/2020 | 5.9 | S | <1.0 | 0.26 J | <1.0 | <1.0 | <1.0 | **3.8** |
| MW-69 | Onsite | 15-20 | 2/12/2021 | 4.4 | S | <1.0 | 0.31 J | <1.0 | <1.0 | <1.0 | **3.3** |
| MW-69 | Onsite | 15-20 | 5/12/2021 | 4.7 | S | <1.0 | 0.28 J | <1.0 | <1.0 | <1.0 | **3.5** |
| MW-69 | Onsite | 15-20 | 8/9/2021 | 4.7 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **3.4** |
| MW-69 | Onsite | 15-20 | 11/17/2021 | 4.7 | S | <1.0 | 0.55 J | <1.0 | <1.0 | <1.0 | **2.6** |
| MW-69 | Onsite | 15-20 | 2/8/2022 | 4.8 | S | <1.0 | 50 | <1.0 | 1.3 | <1.0 | **7.9** |
| MW-69 | Onsite | 15-20 | 5/9/2022 | 5 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | **2.5** |
| MW-69 | Onsite | 15-20 | 8/15/2022 | **16** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.60 J |
| MW-69 | Onsite | 15-20 | 11/2/2022 | **17** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-69 | Onsite | 15-20 | 2/28/2023 | **17** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.46 J |
| MW-69 | Onsite | 15-20 | 5/9/2023 | **11** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.85 J |
| MW-69 | Onsite | 15-20 | 8/16/2023 | **11** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.59 B |
| MW-69 | Onsite | 15-20 | 11/1/2023 | **7.4** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-69 | Onsite | 15-20 | 2/27/2024 | 4 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.7 |
| MW-69 | Onsite | 15-20 | 5/22/2024 | <2.0 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-69 | Onsite | 15-20 | 8/2/2024 | 6.1 | S | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | 1.1 J |
| MW-69 | Onsite | 15-20 | 11/18/2024 | **8** | S | <1.0 | <1.0+ | <1.0 | <1.0 | <1.0+ | <1.0 |
| MW-69 | Onsite | 15-20 | 2/25/2025 | 2.1 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 |
| MW-69 | Onsite | 15-20 | 5/14/2025 | **8.8** | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.50 J |
| MW-70 | Onsite | 15-20 | 4/24/2017 | 0.76 J | S | <6.7 | **190** | <6.7 | 3.8 J | <6.7 | **120** |
| MW-70 | Onsite | 15-20 | 8/1/2017 | <2.0 B | S | <10 | **200** | <10 | 4.2 J | <10 | **100** |
| MW-70 | Onsite | 15-20 | 11/13/2017 | 1.1 J | S | <10 | **200** | <10 | 5.1 J | <10 | **140** |
| MW-70 | Onsite | 15-20 | 2/12/2018 | 0.91 J | S | <13 | **230** | <13 | 4.4 J | <13 | **160** |
| MW-70 | Onsite | 15-20 | 5/14/2018 | 3 | S | 2.1 J | **260** | <3.3 | 3.0 J | <3.3 | **210** |
| MW-70 | Onsite | 15-20 | 8/9/2018 | 1.6 J | S | <13 | **200** | <13 | 3.3 J | <13 | **190** |
| MW-70 | Onsite | 15-20 | 11/2/2018 | 2.2 | S | 1.3 J | **250** | <4.0 | 4.4 | <4.0 | **210** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-70 | Onsite | 15-20 | 2/26/2019 | 6.5 | S | <10 | **290** | <10 | 3.8 J | <10 | **350** |
| MW-70 | Onsite | 15-20 | 6/11/2019 | 3.9 | S | <10 | **150** | <10 | 2.4 J | <10 | **230** |
| MW-70 | Onsite | 15-20 | 9/26/2019 | 4.2 [4.2] | S | <5.0 [0.99 J] | **220 [250]** | <5.0 [<5.0] | 2.1 J [2.4 J] | <5.0 [<5.0] | **340 [380]** |
| MW-70 | Onsite | 15-20 | 11/7/2019 | 5.2 [5.7] | S | 1.5 [1.5] | **300 [300]** | <1.0 [<1.0] | 3.2 [3.1] | <1.0 [<1.0] | **440 [450]** |
| MW-70 | Onsite | 15-20 | 2/7/2020 | 4.5 [4.7] | S | <13 [<13] | **260 [260]** | <13 [<13] | <13 [<13] | <13 [<13] | **370 [380]** |
| MW-70 | Onsite | 15-20 | 5/21/2020 | 3.9 | S | <10 | **230** | <10 | <10 | <10 | **400** |
| MW-70 | Onsite | 15-20 | 8/10/2020 | 2.8 [3.2] | S | <10 [<10] | **240 [240]** | <10 [<10] | <10 [<10] | <10 [<10] | **330 [370]** |
| MW-70 | Onsite | 15-20 | 11/4/2020 | 4.5 [4.5] | S | <6.3 [1.2 J] | **270 [280]** | <6.3 [<2.5] | 1.8 J [2.0 J] | 1.2 J [1.3 J] | **550 [590]** |
| MW-70 | Onsite | 15-20 | 2/12/2021 | 3.4 [3.4] | S | <25 [<17] | **230 [260]** | <25 [<17] | <25 [<17] | <25 [<17] | **470 [460]** |
| MW-70 | Onsite | 15-20 | 5/11/2021 | 2.7 | S | <8.3 | **280** | <8.3 | <8.3 | <8.3 | **560** |
| MW-70 | Onsite | 15-20 | 8/5/2021 | 2.5 | S | <20 | **250** | <20 | <20 | <20 | **470** |
| MW-70 | Onsite | 15-20 | 11/16/2021 | 2.5 [2.7] | S | <25 [<10] | **250 [230]** | <25 [<10] | <25 [<10] | <25 [<10] | **400 [380]** |
| MW-70 | Onsite | 15-20 | 2/24/2022 | 1.4 J | S | <13 | **190** | <13 | <13 | <13 | **400** |
| MW-70 | Onsite | 15-20 | 5/19/2022 | 1.6 J | S | <1.0 | 15 | <1.0 | <1.0 | <1.0 | **30** |
| MW-70 | Onsite | 15-20 | 8/18/2022 | 1.4 J | S | <13 | **120** | <13 | <13 | <13 | **280** |
| MW-70 | Onsite | 15-20 | 11/15/2022 | 1.3 J | S | <13 | **140** | <13 | <13 | <13 | **340** |
| MW-70 | Onsite | 15-20 | 3/14/2023 | 2.4 | S | <10 | **150** | <10 | <10 | <10 | **520** |
| MW-70 | Onsite | 15-20 | 5/17/2023 | 2.4 | S | <2.0 | **150** | <2.0 | 1.1 J | 1.0 J | **420** |
| MW-70 | Onsite | 15-20 | 8/8/2023 | 2.4 | S | <10 | **140** | <10 | <10 | <10 | **420** |
| MW-70 | Onsite | 15-20 | 11/13/2023 | 4.1 | S | <13 | **140** | <13 | <13 | <13 | **380** |
| MW-70 | Onsite | 15-20 | 2/29/2024 | 6.1 [6.2] | S | <13 [<40] | **150 [150]** | <13 [<40] | <13 [<40] | <13 [<40] | **480 [500]** |
| MW-70 | Onsite | 15-20 | 5/16/2024 | 6.3 | S | <25 | **130** | <25 | <25 | <25 | **480** |
| MW-70 | Onsite | 15-20 | 8/9/2024 | 6.1 | S | <25 [<25] | **120 [130]** | <25 [<25] | <25 [<25] | <25 [<25] | **440 [490]** |
| MW-70 | Onsite | 15-20 | 11/15/2024 | 6.5 | S | <10 | **190** | <10 | <10 | <10 | **610** |
| MW-70 | Onsite | 15-20 | 2/24/2025 | **7.6** | S | <10 | **150** | <10 | <10 | <10 | **780** |
| MW-70 | Onsite | 15-20 | 5/12/2025 | **9.1 [9.5]** | S | <13 [<25] | **130 [140]** | <13 [<25] | <13 [<25] | <13 [<25] | **520 [540]** |
| MW-71 | Onsite | 15-20 | 4/24/2017 | 4.3 | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 8/1/2017 | 1.4 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.68 J |
| MW-71 | Onsite | 15-20 | 11/13/2017 | 0.72 J | S | <1.0 | 0.39 J | <1.0 | <1.0 | <1.0 | 0.83 J |
| MW-71 | Onsite | 15-20 | 2/12/2018 | 0.57 J | S | <1.0 | 0.37 J | <1.0 | <1.0 | <1.0 | 0.59 J |
| MW-71 | Onsite | 15-20 | 5/8/2018 | 0.38 J | S | <1.0 | 0.40 J | <1.0 | <1.0 | <1.0 | 0.59 J |
| MW-71 | Onsite | 15-20 | 8/9/2018 | 0.95 J | S | <1.0 | 0.34 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 11/6/2018 | 1.1 J | S | <1.0 | 0.36 J | <1.0 | <1.0 | <1.0 | 0.31 J |
| MW-71 | Onsite | 15-20 | 2/27/2019 | <2.0 | S | <1.0 | 0.30 J | <1.0J | <1.0 | <1.0J | 0.40 J |
| MW-71 | Onsite | 15-20 | 6/11/2019 | 1.6 J | S | <1.0 | 0.42 J | <1.0 | <1.0 | <1.0 | 0.77 J |
| MW-71 | Onsite | 15-20 | 9/27/2019 | 1.3 J | S | <1.0 | 0.41 J | <1.0 | <1.0 | <1.0 | 0.41 J |
| MW-71 | Onsite | 15-20 | 11/7/2019 | 1.3 J | S | <1.0 | 0.61 J | <1.0 | <1.0 | <1.0 | 0.83 J |
| MW-71 | Onsite | 15-20 | 2/12/2020 | <2.0 | S | <1.0 | 0.46 J | <1.0 | <1.0 | <1.0 | 0.29 J |
| MW-71 | Onsite | 15-20 | 5/22/2020 | 0.98 J | S | <1.0 | 0.45 J | <1.0 | <1.0 | <1.0 | 0.32 J |
| MW-71 | Onsite | 15-20 | 8/7/2020 | 1.0 J | S | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 11/4/2020 | 1.1 J | S | <1.0 | 0.71 J | <1.0 | <1.0 | <1.0 | 0.32 J |
| MW-71 | Onsite | 15-20 | 2/12/2021 | <2.0 | S | <1.0 | 0.59 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 5/11/2021 | <4.0 | S | <1.0 | 0.72 J | <1.0 | <1.0 | <1.0 | 0.29 J |
| MW-71 | Onsite | 15-20 | 8/9/2021 | <2.0 | S | <1.0 | 0.67 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 11/16/2021 | <2.0 | S | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 3/4/2022 | 1.2 J | S | <1.0 | 0.94 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 5/20/2022 | <2.0 J | S | <1.0 | 0.81 J | <1.0 | <1.0 | <1.0 | 0.53 J |
| MW-71 | Onsite | 15-20 | 8/19/2022 | <2.0 | S | <1.0 | 0.67 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 11/11/2022 | 0.89 J | S | <1.0 | 0.89 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 3/14/2023 | <2.0 | S | <1.0 | 0.82 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 5/18/2023 | <2.0 | S | <1.0 | 0.94 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 8/9/2023 | <2.0 | S | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-71 | Onsite | 15-20 | 11/15/2023 | 1.0 J | S | <1.0 | 0.92 J | <1.0 | <1.0 | <1.0 | 0.59 J |
| MW-71 | Onsite | 15-20 | 3/7/2024 | <2.0 | S | <1.0 | 0.78 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 5/16/2024 | <2.0 | S | <1.0 | 0.84 J | <1.0 | <1.0 | <1.0 | 0.66 J |
| MW-71 | Onsite | 15-20 | 8/15/2024 | <2.0 | S | <1.0 | 0.88 J | <1.0 | <1.0 | <1.0 | 0.59 J |
| MW-71 | Onsite | 15-20 | 11/22/2024 | <2.0 | S | <1.0 | 1.0 | <1.0 | <1.0 | <1.0 | 0.82 J |
| MW-71 | Onsite | 15-20 | 2/10/2025 | <2.0 | S | <1.0 | 0.76 J | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-71 | Onsite | 15-20 | 5/16/2025 | <2.0 | S | <1.0 | 0.78 J | <1.0 | <1.0 | <1.0 | 0.47 J |
| MW-72 | 12350 Belden ROW | 15-20 | 5/22/2017 | 1.1 J | S | NA | NA | NA | NA | < 1.0 | **3.9** |
| MW-72 | 12350 Belden ROW | 15-20 | 7/26/2017 | 0.53 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.9** |
| MW-72 | 12350 Belden ROW | 15-20 | 11/7/2017 | 0.97 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-72 | 12350 Belden ROW | 15-20 | 2/6/2018 | 0.78 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.3 |
| MW-72 | 12350 Belden ROW | 15-20 | 5/8/2018 | 0.32 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 J |
| MW-72 | 12350 Belden ROW | 15-20 | 8/10/2018 | 1.1 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-72 | 12350 Belden ROW | 15-20 | 10/22/2018 | 1.4 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-72 | 12350 Belden ROW | 15-20 | 3/5/2019 | 0.91 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-72 | 12350 Belden ROW | 15-20 | 5/17/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.7 [< 1.0 ] |
| MW-72 | 12350 Belden ROW | 15-20 | 9/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-72 | 12350 Belden ROW | 15-20 | 11/5/2019 | 0.97 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.8** |
| MW-72 | 12350 Belden ROW | 15-20 | 2/13/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.1** |
| MW-72 | 12350 Belden ROW | 15-20 | 5/26/2020 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.1 [< 1.0 ]** |
| MW-72 | 12350 Belden ROW | 15-20 | 8/12/2020 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.8 [< 1.0 ] |
| MW-72 | 12350 Belden ROW | 15-20 | 11/17/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-72 | 12350 Belden ROW | 15-20 | 2/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-72 | 12350 Belden ROW | 15-20 | 5/12/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1 [1.2] |
| MW-72 | 12350 Belden ROW | 15-20 | 8/16/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | 1.3 [1.6] |
| MW-72 | 12350 Belden ROW | 15-20 | 11/16/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | 1 [1.1] |
| MW-72 | 12350 Belden ROW | 15-20 | 2/10/2022 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.94 J [0.98 J] |
| MW-72 | 12350 Belden ROW | 15-20 | 5/5/2022 | < 4.0 [< 2.0 ] | V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.99 J [0.91 J] |
| MW-72 | 12350 Belden ROW | 15-20 | 8/19/2022 | < 2.0 [< 2.0 ] | V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.7 [1.2] |
| MW-72 | 12350 Belden ROW | 15-20 | 10/31/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.81 J |
| MW-72 | 12350 Belden ROW | 15-20 | 2/27/2023 | < 2.0 [<2.0] | V | < 1.0 [<1.0] | < 1.0 [<1.0] | < 1.0 [<1.0] | < 1.0 [<1.0] | < 1.0 [<1.0] | 0.95 J [1.0 ] |
| MW-72 | 12350 Belden ROW | 15-20 | 5/17/2023 | <2.0J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | 0.75 J |
| MW-72 | 12350 Belden ROW | 15-20 | 8/4/2023 | < 2.0 J | V | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | 0.81 J |
| MW-72 | 12350 Belden ROW | 15-20 | 11/1/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72 | 12350 Belden ROW | 15-20 | 3/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.62 J |
| MW-72 | 12350 Belden ROW | 15-20 | 5/17/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.61 J |
| MW-72 | 12350 Belden ROW | 15-20 | 8/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.68 J |
| MW-72 | 12350 Belden ROW | 15-20 | 11/12/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.68 J |
| MW-72 | 12350 Belden ROW | 15-20 | 2/25/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.69 J |
| MW-72 | 12350 Belden ROW | 15-20 | 5/1/2025 | <2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.83 J |
| MW-72S | 12350 Belden ROW | 3-13 | 12/17/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 3/5/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | <1.0 | 0.24 J |
| MW-72S | 12350 Belden ROW | 3-13 | 5/8/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 9/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 11/6/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 2/13/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 8/14/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 11/17/2020 | < 2.0 | S | < 1.0 | < 1.0 B | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 2/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 5/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 8/16/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 11/16/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

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**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| Location: | Property Address: | Screen Interval (ft bgs): | Sample Date: | | | | | | | |
| MW-72S | 12350 Belden ROW | 3-13 | 2/10/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 5/5/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 8/18/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 10/31/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 2/28/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 5/17/2023 | < 2.0 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 8/4/2023 | < 2.0 J V | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-72S | 12350 Belden ROW | 3-13 | 11/1/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 3/5/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 5/17/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 8/8/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 11/12/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 2/25/2025 | < 2.0 S | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-72S | 12350 Belden ROW | 3-13 | 5/1/2025 | < 2.0 S | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 5/22/2017 | 3.2 S | NA | NA | NA | NA | < 1.0 | 1.1 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 7/26/2017 | 3.1 S | < 1.0 | 0.45 J | < 1.0 | < 1.0 | < 1.0 | 0.85 J |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 11/7/2017 | 2.8 [3.4] S | < 1.0 [< 1.0 ] | 0.50 J [0.54 J] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.3 [1.3] |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 2/6/2018 | 1.5 J S | < 1.0 | 0.43 J | < 1.0 | < 1.0 | < 1.0 | 0.79 J |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 5/8/2018 | 3 [2.9] S | < 1.0 [< 1.0 ] | 0.35 J [0.37 J] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.80 J [0.81 J] |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 8/10/2018 | 1.9 J S | < 1.0 | 0.56 J | < 1.0 | < 1.0 | < 1.0 | 0.75 J |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 10/22/2018 | 3.8 S | < 1.0 | 0.19 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 3/4/2019 | 1.6 J S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | 0.71 J |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 5/8/2019 | 2.3 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 9/24/2019 | 3.8 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.48 J |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 11/11/2019 | 2.8 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 2/10/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 5/22/2020 | 3.4 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.28 J |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 8/12/2020 | 2.5 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 11/17/2020 | 2.5 S | < 1.0 | < 1.0 B | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 2/11/2021 | 1.5 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 5/12/2021 | 2.4 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 8/16/2021 | 2.7 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 11/17/2021 | 2.9 [4.1] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 2/7/2022 | < 2.0 S | < 1.0 | 2.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 5/19/2022 | 2.2 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 8/9/2022 | 2.3 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 10/31/2022 | 3.2 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 2/28/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 5/17/2023 | 2.6 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0J | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 8/7/2023 | 2.2 V | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 11/15/2023 | 3.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 2/21/2024 | 2.2 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 5/17/2024 | 2.7 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 8/8/2024 | 1.9 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 11/12/2024 | 2.4 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.49 J |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 2/17/2025 | 2.2 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73D | 12250 Belden ROW | 13.5-18.5 | 5/1/2025 | 2.7 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73S | 12250 Belden ROW | 7-12 | 5/22/2017 | < 2.0 S | NA | NA | NA | NA | 0.40 J | 1.6 |
| MW-73S | 12250 Belden ROW | 7-12 | 7/26/2017 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | 1.9 [1.9] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.48 J [0.44 J] | 1.3 [1.4] |
| MW-73S | 12250 Belden ROW | 7-12 | 11/7/2017 | < 2.0 S | < 1.0 | 1.8 | < 1.0 | < 1.0 | 0.48 J | 1.9 |
| MW-73S | 12250 Belden ROW | 7-12 | 2/6/2018 | < 2.0 S | < 1.0 | 1.3 | < 1.0 | < 1.0 | 0.33 J | 1.1 |
| MW-73S | 12250 Belden ROW | 7-12 | 5/9/2018 | < 2.0 S | < 1.0 | 1.3 | < 1.0 | < 1.0 | 0.38 J | 1.2 |
| MW-73S | 12250 Belden ROW | 7-12 | 8/10/2018 | < 2.0 S | < 1.0 | 1.5 | < 1.0 | < 1.0 | 0.51 J | 0.62 J |
| MW-73S | 12250 Belden ROW | 7-12 | 10/22/2018 | 0.86 J S | < 1.0 | 1.7 | < 1.0 | 0.20 J | 0.46 J | 0.96 J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 12/17/2018 | 0.87 J S | < 1.0 | 2.3 | < 1.0 | 0.43 J | 0.29 J | 1.7 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 3/4/2019 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | 2.1 [1.9] | < 1.0 J [< 1.0 J] | 0.25 J [0.22 J] | < 1.0 B [< 1.0 B] | 1.5 [1.3] |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 5/8/2019 | < 2.0 S | < 1.0 | 1.8 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 9/24/2019 | < 2.0 S | < 1.0 | 3.0 | < 1.0 | 0.35 J | 0.34 J | 1.3 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 11/11/2019 | < 2.0 V | < 1.0 | 2.4 | < 1.0 | < 1.0 | < 1.0 | 1.0 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 2/10/2020 | < 2.0 S | < 1.0 | 1.3 | < 1.0 | < 1.0 | 0.15 J | 0.87 J |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 5/22/2020 | < 2.0 S | < 1.0 | 1.6 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 8/12/2020 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | 1.3 [1.4] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 11/17/2020 | < 2.0 S | < 1.0 | 2.3 | < 1.0 | 0.23 J | 0.16 J | 0.85 J |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 2/11/2021 | < 2.0 S | < 1.0 | 1.5 | < 1.0 | < 1.0 | 0.17 J | 0.55 J |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 5/12/2021 | < 2.0 S | < 1.0 | 1.7 | < 1.0 | < 1.0 | 0.22 J | 0.43 J |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 8/16/2021 | < 2.0 S | < 1.0 | 1.9 | < 1.0 | < 1.0 | < 1.0 | 0.57 J |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 11/17/2021 | < 2.0 S | < 1.0 | 2.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 2/7/2022 | 1.2 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 5/19/2022 | < 2.0 V | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 8/9/2022 | < 2.0 V | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 10/31/2022 | < 2.0 V | < 1.0 | 1.9 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 2/28/2023 | < 2.0 V | < 1.0 | 1.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 5/15/2023 | < 2.0 J [< 2.0 J] V | < 1.0 [< 1.0] | 2.0 [1.7] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | 0.49 J [< 1.0 J] |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 8/4/2023 | < 2.0 J V | < 1.0 J | 2.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 11/15/2023 | < 2.0 S | < 1.0 J | 2.4 | < 1.0 | < 1.0 | < 1.0 | 0.47 J |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 2/21/2024 | < 2.0 S | < 1.0 | 1.8 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 5/17/2024 | < 2.0 S | < 1.0 | 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 8/8/2024 | < 2.0 S | < 1.0 | 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 11/12/2024 | < 2.0 S | < 1.0 | 2.5 | < 1.0 | < 1.0 | < 1.0 | 0.62 J |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 2/10/2025 | < 2.0 S | < 1.0 | 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-73SR | 12250 Belden ROW | 2.5-12.5 | 5/1/2025 | < 2.0 S | < 1.0 | 1.9 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74 | 12182 Belden ROW | 14-19 | 5/23/2017 | < 2.0 S | NA | NA | NA | NA | < 1.0 | < 1.0 |
| MW-74 | 12182 Belden ROW | 14-19 | 7/26/2017 | 1.5 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.7** |
| MW-74 | 12182 Belden ROW | 14-19 | 11/7/2017 | 1.3 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.4** |
| MW-74 | 12182 Belden ROW | 14-19 | 2/6/2018 | 0.66 J S | < 1.0 | 0.42 J | < 1.0 | < 1.0 | < 1.0 | 2.0 |
| MW-74 | 12182 Belden ROW | 14-19 | 5/9/2018 | 0.34 J S | < 1.0 J | 0.96 J | < 1.0 J | < 1.0 J | < 1.0 J | 0.70 J |
| MW-74 | 12182 Belden ROW | 14-19 | 8/9/2018 | 1.6 J S | < 1.0 | 0.41 J | < 1.0 | < 1.0 | < 1.0 | **2.8** |
| MW-74 | 12182 Belden ROW | 14-19 | 10/22/2018 | 2 S | < 1.0 | 0.45 J | < 1.0 | < 1.0 | < 1.0 | **2.2** |
| MW-74 | 12182 Belden ROW | 14-19 | 3/8/2019 | < 2.0 S | < 1.0 | 0.84 J | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-74 | 12182 Belden ROW | 14-19 | 5/17/2019 | < 2.0 S | < 1.0 | 1.3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74 | 12182 Belden ROW | 14-19 | 9/18/2019 | 1.4 J S | < 1.0 | 0.62 J | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-74 | 12182 Belden ROW | 14-19 | 11/11/2019 | 1.4 J [1.4 J] V | < 1.0 [< 1.0 ] | 0.62 J [0.58 J] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **1.8 [2.7]** |
| MW-74 | 12182 Belden ROW | 14-19 | 2/7/2020 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | 1.5 [1.3] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-74 | 12182 Belden ROW | 14-19 | 5/21/2020 | < 2.0 S | < 1.0 | 1.5 | < 1.0 | 0.19 J | < 1.0 | < 1.0 |
| MW-74 | 12182 Belden ROW | 14-19 | 8/12/2020 | 1.7 J S | < 1.0 | 0.59 J | < 1.0 | < 1.0 | < 1.0 | **2.9** |
| MW-74 | 12182 Belden ROW | 14-19 | 11/16/2020 | 1.7 J [1.7 J] S | < 1.0 [< 1.0] | < 1.0 B [< 1.0 B] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | **4.1 [3.2]** |
| MW-74 | 12182 Belden ROW | 14-19 | 2/11/2021 | 2.1 [2.0] S | < 1.0 [< 1.0] | 0.33 J [0.32 J] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | **3.1 [3.2]** |
| MW-74 | 12182 Belden ROW | 14-19 | 5/13/2021 | 1.3 J S | < 1.0 | 0.38 J | < 1.0 | < 1.0 | < 1.0 | **3.4** |
| MW-74 | 12182 Belden ROW | 14-19 | 8/16/2021 | < 2.0 S | < 1.0 | 0.94 J | < 1.0 | < 1.0 | < 1.0 | 2.0 J |
| MW-74 | 12182 Belden ROW | 14-19 | 11/16/2021 | 1.3 J S | < 1.0 | 0.71 J | < 1.0 | < 1.0 | < 1.0 | **2.4** |
| MW-74 | 12182 Belden ROW | 14-19 | 2/7/2022 | 0.90 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.5** |
| MW-74 | 12182 Belden ROW | 14-19 | 5/9/2022 | 0.91 J V | < 1.0 | 0.70 J | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-74 | 12182 Belden ROW | 14-19 | 8/3/2022 | 1.1 J [1.0 J] V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.9 [3]** |
| MW-74 | 12182 Belden ROW | 14-19 | 11/1/2022 | 2.1 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.5** |
| MW-74 | 12182 Belden ROW | 14-19 | 2/27/2023 | 1.9 J [1.5 J] V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | **3 [3.5]** |
| MW-74 | 12182 Belden ROW | 14-19 | 5/15/2023 | 1.5 J V | < 1.0 | 0.46 J | < 1.0 | < 1.0 | < 1.0 | **3.2 J** |
| MW-74 | 12182 Belden ROW | 14-19 | 8/10/2023 | 1.3 J [1.1 J] V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | **2.6 [3]** |

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**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-74 | 12182 Belden ROW | 14-19 | 11/7/2023 | 1.7 J S | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | **3.7 J** |
| MW-74 | 12182 Belden ROW | 14-19 | 2/21/2024 | 1.1 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.4** |
| MW-74 | 12182 Belden ROW | 14-19 | 5/15/2024 | 1.7 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.6** |
| MW-74 | 12182 Belden ROW | 14-19 | 8/6/2024 | 1.7 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.0 J** |
| MW-74 | 12182 Belden ROW | 14-19 | 11/12/2024 | 2.1 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **6.4** |
| MW-74 | 12182 Belden ROW | 14-19 | 2/10/2025 | 2.2 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **5.9** |
| MW-74 | 12182 Belden ROW | 14-19 | 5/1/2025 | 1.9 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.8** |
| MW-74S | 12182 Belden ROW | 3-13 | 12/21/2018 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | 1.3 [1.2] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-74S | 12182 Belden ROW | 3-13 | 3/8/2019 | < 2.0 S | < 1.0 | 0.82 J | 0.21 J | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 5/8/2019 | < 2.0 S | < 1.0 | 0.97 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 9/18/2019 | < 2.0 S | < 1.0 | 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 11/6/2019 | < 2.0 V | < 1.0 | 1.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 2/7/2020 | < 2.0 S | < 1.0 | 0.56 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 5/21/2020 | < 2.0 S | < 1.0 | 0.96 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 8/12/2020 | < 2.0 S | < 1.0 | 0.43 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 11/16/2020 | < 2.0 S | < 1.0 | < 1.2 B | < 1.0 | 0.25 J | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 2/11/2021 | < 2.0 S | < 1.0 | 0.84 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 5/13/2021 | < 2.0 S | < 1.0 | 0.73 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 8/16/2021 | < 2.0 S | < 1.0 | 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 11/16/2021 | < 2.0 S | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 2/8/2022 | < 2.0 S | < 1.0 | 0.73 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 5/9/2022 | < 2.0 V | < 1.0 | 0.96 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 8/3/2022 | < 4.0 V | < 1.0 | 0.79 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 11/1/2022 | < 2.0 V | < 1.0 | 1.3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 2/27/2023 | < 2.0 V | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 5/15/2023 | < 2.0 J V | < 1.0 | 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-74S | 12182 Belden ROW | 3-13 | 8/10/2023 | < 2.0 V | < 1.0 | 0.97 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 11/7/2023 | < 2.0 S | < 1.0 | 1.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 3/6/2024 | < 2.0 S | < 1.0 | 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 5/15/2024 | < 2.0 S | < 1.0 | 0.62 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 8/7/2024 | < 2.0 S | < 1.0 | 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 11/12/2024 | < 2.0 S | < 1.0 | 1.3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 2/10/2025 | < 2.0 S | < 1.0 | 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-74S | 12182 Belden ROW | 3-13 | 5/1/2025 | < 2.0 S | < 1.0 | 0.94 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75D | 11771 Belden ROW | 12-17 | 5/23/2017 | 1.9 J [1.9 J] S | NA [NA] | NA [NA] | NA [NA] | NA [NA] | < 1.0 [< 1.0 ] | **6.4 [4.7]** |
| MW-75D | 11771 Belden ROW | 12-17 | 7/26/2017 | 1.8 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.7** |
| MW-75D | 11771 Belden ROW | 12-17 | 11/8/2017 | 1.8 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.9 J** |
| MW-75D | 11771 Belden ROW | 12-17 | 2/6/2018 | 0.91 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-75D | 11771 Belden ROW | 12-17 | 5/9/2018 | 0.65 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.4** |
| MW-75D | 11771 Belden ROW | 12-17 | 8/9/2018 | 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 |
| MW-75D | 11771 Belden ROW | 12-17 | 10/22/2018 | 2.3 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-75D | 11771 Belden ROW | 12-17 | 3/7/2019 | 1.5 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-75D | 11771 Belden ROW | 12-17 | 5/15/2019 | 1.5 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-75D | 11771 Belden ROW | 12-17 | 9/18/2019 | 3.3 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-75D | 11771 Belden ROW | 12-17 | 11/26/2019 | 1.9 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** |
| MW-75D | 11771 Belden ROW | 12-17 | 2/4/2020 | 3.2 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 |
| MW-75D | 11771 Belden ROW | 12-17 | 5/20/2020 | 1.6 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.3 |
| MW-75D | 11771 Belden ROW | 12-17 | 8/11/2020 | 2.2 [2.9] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.2 [2]** |
| MW-75D | 11771 Belden ROW | 12-17 | 11/13/2020 | 2.7 [2.8] S | < 1.0 [< 1.0 J] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.2 J [1.8]** |
| MW-75D | 11771 Belden ROW | 12-17 | 2/10/2021 | 2.5 [2.5] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.1 [1.1] |
| MW-75D | 11771 Belden ROW | 12-17 | 5/19/2021 | 1.3 J S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-75D | 11771 Belden ROW | 12-17 | 8/16/2021 | 1.2 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.6** |
| MW-75D | 11771 Belden ROW | 12-17 | 11/17/2021 | 2.2 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.4** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-75D | 11771 Belden ROW | 12-17 | 2/24/2022 | 1.5 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 |
| MW-75D | 11771 Belden ROW | 12-17 | 5/10/2022 | 1.2 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 |
| MW-75D | 11771 Belden ROW | 12-17 | 8/9/2022 | 2.2 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.1** |
| MW-75D | 11771 Belden ROW | 12-17 | 11/2/2022 | 2.1 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.5** |
| MW-75D | 11771 Belden ROW | 12-17 | 2/28/2023 | 2.1 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-75D | 11771 Belden ROW | 12-17 | 5/16/2023 | 2.1 J [2.1 J] | V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | **3.0 [2.9 ]** |
| MW-75D | 11771 Belden ROW | 12-17 | 8/8/2023 | 2.3 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-75D | 11771 Belden ROW | 12-17 | 11/8/2023 | 4.5 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-75D | 11771 Belden ROW | 12-17 | 3/4/2024 | 2.6 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.4** |
| MW-75D | 11771 Belden ROW | 12-17 | 5/15/2024 | 2.7 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.3 |
| MW-75D | 11771 Belden ROW | 12-17 | 8/8/2024 | 3.1 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.5** |
| MW-75D | 11771 Belden ROW | 12-17 | 11/15/2024 | 3 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.8** |
| MW-75D | 11771 Belden ROW | 12-17 | 2/17/2025 | 2.6 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-75D | 11771 Belden ROW | 12-17 | 5/6/2025 | 2.9 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-75S | 11771 Belden ROW | 5-10 | 5/23/2017 | < 2.0 | S | NA | NA | NA | NA | < 1.0 | 0.45 J |
| MW-75S | 11771 Belden ROW | 5-10 | 7/26/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75S | 11771 Belden ROW | 5-10 | 11/8/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75S | 11771 Belden ROW | 5-10 | 2/6/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75S | 11771 Belden ROW | 5-10 | 5/9/2018 | < 2.0 | S | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-75S | 11771 Belden ROW | 5-10 | 8/9/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75S | 11771 Belden ROW | 5-10 | 10/22/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 12/18/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 3/7/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 5/9/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.51 J |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 11/26/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.33 J |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 2/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.59 J |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 8/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 11/13/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 2/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.36 J |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 5/19/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.64 J [0.75 J] |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 8/13/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 0.50 J [< 1.0 ] |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 11/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 2/24/2022 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 5/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 8/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 11/2/2022 | < 2.0 [< 2.0] | V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | 0.71 J [0.63 J] |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 2/28/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 5/16/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 8/8/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 11/8/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.83 J |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 2/22/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.73 J |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 8/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 11/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.8** |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 2/17/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.3 |
| MW-75SR | 11771 Belden ROW | 2.5-12.5 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 5/23/2017 | < 2.0 | S | NA | NA | NA | NA | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 7/26/2017 | < 2.0 | S | < 1.0 | 3.9 | < 1.0 | 0.54 J | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 11/8/2017 | < 2.0 | S | < 1.0 | 4.0 | < 1.0 | 0.49 J | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 2/6/2018 | < 2.0 | S | < 1.0 | 2.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 5/10/2018 | < 2.0 | S | < 1.0 | 2.6 | < 1.0 | 0.35 J | < 1.0 | < 1.0 |

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**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| Location: | Property Address: | Screen Interval (ft bgs): | Sample Date: | | | | | | | |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 8/9/2018 | < 2.0 S | < 1.0 | 2.2 | < 1.0 | 0.35 J | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 10/22/2018 | 1.0 J S | < 1.0 | 1.8 | < 1.0 | 0.25 J | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 3/1/2019 | < 2.0 S | < 1.0 | 1.3 | < 1.0 J | 0.22 J | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 5/17/2019 | < 2.0 S | < 1.0 | 1.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 9/17/2019 | < 2.0 S | < 1.0 | 1.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 11/20/2019 | < 2.0 V | < 1.0 | 1.4 | < 1.0 | 0.26 J | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 2/3/2020 | < 2.0 S | < 1.0 | 1.2 | < 1.0 | 0.24 J | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 5/19/2020 | < 2.0 S | < 1.0 | 0.36 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 8/10/2020 | < 2.0 S | < 1.0 | 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 11/12/2020 | < 2.0 S | < 1.0 | 0.93 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 2/12/2021 | < 2.0 S | < 1.0 | 0.52 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 5/13/2021 | < 2.0 S | < 1.0 | 0.52 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 8/13/2021 | < 2.0 J S | < 1.0 | 0.59 J | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 11/11/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 2/28/2022 | < 2.0 S | < 1.0 | 0.65 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 5/11/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 8/17/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 11/3/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 3/6/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 5/12/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 8/7/2023 | < 2.0 [< 2.0] V | < 1.0 J [< 1.0 J] | 0.57 J [0.56 J] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 11/20/2023 | < 2.0 S | < 1.0 | 0.57 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 2/19/2024 | < 2.0 S | < 1.0 | 0.53 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 5/8/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 8/6/2024 | < 2.0 S | < 1.0 | 0.47 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 11/21/2024 | < 2.0 S | < 1.0 | 0.51 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 2/25/2025 | < 2.0 S | < 1.0 | 0.49 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76 | 35200 Plymouth (Belden ROW) | 15-20 | 5/6/2025 | < 2.0 S | < 1.0 | 0.47 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 12/21/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 3/1/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/8/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 9/17/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 11/5/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 2/3/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/19/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 8/10/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 11/12/2020 | < 2.0 S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 2/12/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/13/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 8/19/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 11/11/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 2/28/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/11/2022 | < 2.0 V | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 8/17/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 11/3/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 3/6/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/12/2023 | < 2.0 [< 2.0] V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 8/7/2023 | < 2.0 V | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 11/8/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 2/26/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/8/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 8/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 11/21/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 2/25/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-76S | 35200 Plymouth (Belden ROW) | 4.5-14.5 | 5/6/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 5/25/2017 | NA | NA | NA | NA | NA | 0.87 J | 0.51 J |
| MW-77 | 11710 Boston Post ROW | 9-14 | 7/26/2017 | 0.32 J S | < 1.0 | 0.67 J | < 1.0 | < 1.0 | < 1.0 | 0.45 J |
| MW-77 | 11710 Boston Post ROW | 9-14 | 11/10/2017 | < 2.0 S | < 1.0 | 0.73 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 2/8/2018 | < 2.0 S | < 1.0 | 0.66 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 5/11/2018 | 0.27 J S | < 1.0 | 0.54 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 8/6/2018 | < 2.0 S | < 1.0 | 0.61 J | < 1.0 | < 1.0 | < 1.0 | 0.24 J |
| MW-77 | 11710 Boston Post ROW | 9-14 | 10/23/2018 | < 2.0 S | < 1.0 | 0.74 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 3/4/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | 0.48 J |
| MW-77 | 11710 Boston Post ROW | 9-14 | 5/16/2019 | < 2.0 S | < 1.0 | 0.39 J | < 1.0 | < 1.0 | < 1.0 | 0.24 J |
| MW-77 | 11710 Boston Post ROW | 9-14 | 9/17/2019 | < 2.0 S | < 1.0 | 0.66 J | < 1.0 | < 1.0 | < 1.0 | 0.35 J |
| MW-77 | 11710 Boston Post ROW | 9-14 | 11/22/2019 | < 2.0 S | < 1.0 | 0.72 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 2/13/2020 | 1.1 J S | < 1.0 | 0.49 J | < 1.0 | < 1.0 | < 1.0 | 0.33 J |
| MW-77 | 11710 Boston Post ROW | 9-14 | 8/6/2020 | < 2.0 S | < 1.0 | 0.74 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 11/19/2020 | < 2.0 S | < 1.0 | 0.93 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 2/11/2021 | < 2.0 S | < 1.0 | 0.56 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 5/19/2021 | < 2.0 S | < 1.0 | 0.48 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 8/19/2021 | < 2.0 S | < 1.0 | 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 11/4/2021 | < 2.0 S | < 1.0 | 1.3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 2/9/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 5/5/2022 | < 2.0 S | < 1.0 | 0.59 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 8/19/2022 | < 2.0 S | < 1.0 | 0.70 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 3/1/2023 | < 2.0 S | < 1.0 | 0.53 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 5/16/2023 | < 2.0 J S | < 1.0 | 0.50 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 8/9/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 11/2/2023 | < 2.0 S | < 1.0 J | 0.69 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-77 | 11710 Boston Post ROW | 9-14 | 2/22/2024 | < 2.0 S | < 1.0 | 0.64 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 5/10/2024 | < 2.0 S | < 1.0 | 0.54 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 8/2/2024 | < 2.0 S | < 1.0 | 0.67 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 11/8/2024 | < 2.0 S | < 1.0 | 0.77 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 2/18/2025 | < 2.0 S | < 1.0 | 0.49 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 5/1/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77 | 11710 Boston Post ROW | 9-14 | 11/4/2022 [4] | < 2.0 S | NA | NA | NA | NA | NA | NA |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 12/27/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 3/4/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | 0.20 J |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 5/16/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 9/17/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 11/22/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 2/13/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 8/6/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 11/19/2020 | < 2.0 S | < 1.0 | 0.19 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 2/11/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 5/19/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 8/19/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 11/4/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 2/9/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 5/5/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 8/19/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 11/4/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 3/1/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 5/16/2023 | < 2.0 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 8/9/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 11/2/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

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**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 2/22/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 5/10/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 8/2/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 11/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 2/18/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-77S | 11710 Boston Post ROW | 2.5-12.5 | 5/1/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 5/25/2017 | NA | | NA | NA | NA | NA | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 7/25/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 11/9/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 2/8/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 5/8/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 8/6/2018 | < 2.0 | S | < 1.0 | 0.28 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 10/22/2018 | 0.90 J | S | < 1.0 | 0.26 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 2/26/2019 | < 2.0 | S | < 1.0 | 0.22 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 5/13/2019 | < 2.0 | S | < 1.0 | 0.19 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 9/19/2019 | < 2.0 | S | < 1.0 | 0.22 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 11/14/2019 | < 2.0 | S | < 1.0 | 0.41 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 8/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 11/11/2020 | < 2.0 | S | < 1.0 | 0.23 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 2/24/2021 | < 2.0 | S | < 1.0 | 0.21 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 5/20/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 8/20/2021 | < 2.0 | S | < 1.0 | 0.46 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 11/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 2/18/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 5/3/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 8/5/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 11/11/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 2/28/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 5/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 8/10/2023 | < 2.0 | S | < 1.0 | 0.46 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 11/1/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 2/28/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 5/17/2024 | < 2.0 | S | < 1.0 | 0.52 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 7/31/2024 | < 2.0 | S | < 1.0 | 0.55 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 11/8/2024 | < 2.0 | S | < 1.0 | 0.61 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 2/17/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78 | 34591 Beacon ROW | 7-12 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 12/19/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 2/26/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 5/13/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 11/14/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 8/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 11/11/2020 | < 2.0 | S | < 1.0 | 0.16 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 2/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 5/20/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 8/20/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 11/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 2/18/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 5/3/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 8/2/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 11/11/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 2/27/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 5/2/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 8/10/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 11/10/2023 | < 2.0 | < 1.0 | 0.46 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 2/28/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 5/17/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 7/31/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 11/8/2024 | < 2.0 | < 1.0 | 0.52 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 2/17/2025 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-78S | 34591 Beacon ROW | 2.5-12.5 | 5/6/2025 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 5/24/2017 | NA | NA | NA | NA | NA | < 1.0 | **3.2** |
| MW-79D | 12100 Boston Post ROW | 10-15 | 7/25/2017 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.1** |
| MW-79D | 12100 Boston Post ROW | 10-15 | 11/9/2017 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.6** |
| MW-79D | 12100 Boston Post ROW | 10-15 | 2/8/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 5/8/2018 | 0.49 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.5** |
| MW-79D | 12100 Boston Post ROW | 10-15 | 8/6/2018 | 0.87 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.8** |
| MW-79D | 12100 Boston Post ROW | 10-15 | 10/24/2018 | 0.95 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.3 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 3/7/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 J |
| MW-79D | 12100 Boston Post ROW | 10-15 | 5/15/2019 | 0.99 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.6** |
| MW-79D | 12100 Boston Post ROW | 10-15 | 9/19/2019 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 11/12/2019 | 0.35 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.6** |
| MW-79D | 12100 Boston Post ROW | 10-15 | 2/11/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.1** |
| MW-79D | 12100 Boston Post ROW | 10-15 | 5/20/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 8/6/2020 | 1.3 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 11/11/2020 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.11 J | 1.3 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 2/12/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 5/17/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 2.0 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 8/10/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 11/5/2021 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.8** |
| MW-79D | 12100 Boston Post ROW | 10-15 | 2/22/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 5/9/2022 | 0.94 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 8/4/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 11/11/2022 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.6** |
| MW-79D | 12100 Boston Post ROW | 10-15 | 2/24/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 5/11/2023 | < 2.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 J |
| MW-79D | 12100 Boston Post ROW | 10-15 | 8/1/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 11/2/2023 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 2.0 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 2/27/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 5/9/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 8/5/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 11/11/2024 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.3** |
| MW-79D | 12100 Boston Post ROW | 10-15 | 2/14/2025 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.8 |
| MW-79D | 12100 Boston Post ROW | 10-15 | 5/5/2025 | < 2.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-79S | 12100 Boston Post ROW | 5-10 | 5/24/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 |
| MW-79S | 12100 Boston Post ROW | 5-10 | 7/25/2017 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79S | 12100 Boston Post ROW | 5-10 | 11/9/2017 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79S | 12100 Boston Post ROW | 5-10 | 2/8/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79S | 12100 Boston Post ROW | 5-10 | 5/8/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79S | 12100 Boston Post ROW | 5-10 | 8/6/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79S | 12100 Boston Post ROW | 5-10 | 10/30/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 12/19/2018 | < 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.56 J |

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**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 3/1/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | 0.53 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 5/15/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.36 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.40 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 11/13/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.30 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.23 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 8/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 11/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.44 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 2/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.83 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 5/17/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.86 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 8/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.58 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 2/22/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.71 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 5/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.49 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 8/4/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.64 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 11/11/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 2/24/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 5/11/2023 | 2.6 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 8/1/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 11/3/2023 | < 2.0 | S | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | 1.5 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 2/27/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 8/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.67 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 11/11/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 2/14/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.76 J |
| MW-79SR | 12100 Boston Post ROW | 2.5-12.5 | 5/5/2025 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-80S | 12088 Brewster ROW | 7-12 | 5/24/2017 | NA | | NA | NA | NA | NA | < 1.0 | **4.6** |
| MW-80S | 12088 Brewster ROW | 7-12 | 7/25/2017 | 0.52 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **7.1** |
| MW-80S | 12088 Brewster ROW | 7-12 | 11/8/2017 | 0.55 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **7.6** |
| MW-80S | 12088 Brewster ROW | 7-12 | 2/8/2018 | 0.33 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.9** |
| MW-80S | 12088 Brewster ROW | 7-12 | 5/8/2018 | 0.46 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **6.3** |
| MW-80S | 12088 Brewster ROW | 7-12 | 8/6/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **6.2** |
| MW-80S | 12088 Brewster ROW | 7-12 | 10/22/2018 | 1.2 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.1** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 12/27/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 3/6/2019 | < 2.0 | S | < 1.0 | 0.18 J | < 1.0 | < 1.0 | < 1.0 | **2.1** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 5/10/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.2** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 9/23/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **3.4 [3.5]** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 11/5/2019 | 0.84 J [0.73 J] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **3.6 [3.8]** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 2/4/2020 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **1.8 [2.2]** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 5/19/2020 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.2 [2.8]** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 8/4/2020 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **4.3 [4.7]** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 11/6/2020 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **4.3 [4.6]** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 2/10/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.6 [1.8] |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 5/20/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **3.4 [3.5]** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 8/12/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.4 [1.5] |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 11/8/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **3.6 [3.4]** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 2/25/2022 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.7 [2.5]** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 5/19/2022 | < 2.0 [< 2.0 ] | V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **2.2 [2.2]** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 8/18/2022 | < 2.0 [< 2.0 ] | V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **4.3 [4.4]** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 11/14/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.2** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 2/22/2023 | < 2.0 [< 2.0] | S | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | **2.3 [2.1]** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 5/3/2023 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 8/9/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.7** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 11/8/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.2** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 2/28/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 5/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.5** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 7/31/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.4** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 11/19/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.1** |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 2/19/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 2 |
| MW-80SR | 12088 Brewster ROW | 2.5-12.5 | 5/12/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-81 | 12032 Stark ROW | 8-13 | 5/26/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 7/25/2017 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 11/9/2017 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 2/6/2018 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-81 | 12032 Stark ROW | 8-13 | 5/10/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 8/9/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 10/23/2018 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-81 | 12032 Stark ROW | 8-13 | 3/6/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 5/17/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 9/19/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 11/7/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 2/11/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 8/18/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 11/3/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 2/17/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 5/11/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 8/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 11/8/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 2/11/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 5/17/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 8/8/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 11/7/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 3/2/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 5/8/2023 | < 2.0 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 8/14/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 11/7/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 3/4/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 5/10/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 8/2/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 11/13/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 2/27/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81 | 12032 Stark ROW | 8-13 | 5/20/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 12/26/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 3/6/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 B |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 5/17/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 9/19/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 11/7/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 2/11/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 8/18/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 11/3/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 2/17/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 5/11/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 8/18/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 11/8/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 2/11/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 5/17/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 8/8/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 11/7/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 3/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 5/8/2023 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 8/14/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 11/16/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 3/4/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 5/10/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 8/2/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 11/13/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 2/27/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-81S | 12032 Stark ROW | 2.5-12.5 | 5/20/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 5/24/2017 | NA | | NA | NA | NA | NA | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 7/25/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 11/8/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 2/6/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 5/10/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 8/8/2018 | < 2.0 | S | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-82D | 12086 Stark ROW | 18-23 | 10/23/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 3/6/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 B |
| MW-82D | 12086 Stark ROW | 18-23 | 5/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 9/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 11/7/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 8/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 11/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 2/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 5/7/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 8/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 11/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 2/23/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 5/6/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 8/17/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 11/3/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 3/7/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 5/9/2023 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 8/3/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 11/21/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-82D | 12086 Stark ROW | 18-23 | 3/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 5/14/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 8/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 11/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 2/18/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82D | 12086 Stark ROW | 18-23 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82S | 12086 Stark ROW | 9-14 | 5/24/2017 | NA | | NA | NA | NA | NA | < 1.0 | < 1.0 |
| MW-82S | 12086 Stark ROW | 9-14 | 7/25/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82S | 12086 Stark ROW | 9-14 | 11/8/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82S | 12086 Stark ROW | 9-14 | 2/6/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82S | 12086 Stark ROW | 9-14 | 5/10/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82S | 12086 Stark ROW | 9-14 | 8/8/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82S | 12086 Stark ROW | 9-14 | 10/23/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 12/26/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 3/5/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | <1.0 B | 0.27 J |
| MW-82SR | 12086 Stark ROW | 5-15 | 5/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-82SR | 12086 Stark ROW | 5-15 | 9/23/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 11/7/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 8/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 11/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 2/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 5/7/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 8/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 11/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 2/23/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 5/6/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 8/17/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 11/3/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 3/7/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 5/9/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 8/3/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 11/8/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-82SR | 12086 Stark ROW | 5-15 | 3/5/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 5/14/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 8/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 11/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 2/18/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-82SR | 12086 Stark ROW | 5-15 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 5/26/2017 | NA | | NA | NA | NA | NA | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 7/25/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 11/9/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 2/8/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 5/11/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 8/8/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 10/22/2018 | 0.92 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 3/5/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | <1.0 B | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 5/22/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 11/5/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 8/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 11/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 2/22/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 5/6/2021 | < 2.0 | S | < 1.0 | 0.19 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 8/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 11/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 2/23/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 5/16/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 8/16/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 11/1/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 3/8/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 5/4/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 7/31/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 11/20/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 3/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 7/31/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 11/18/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83 | 12146 Stark ROW | 8-13 | 2/24/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-83 | 12146 Stark ROW | 8-13 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 12/26/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.23 J | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 3/5/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | <1.0 B | 0.27 J |
| MW-83S | 12146 Stark ROW | 3-13 | 5/22/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 11/5/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 8/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 11/4/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 2/22/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 5/6/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 8/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 11/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 2/24/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 5/16/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 8/16/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 11/1/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 3/8/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 5/4/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 7/31/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 11/20/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 3/1/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 5/16/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 7/31/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 11/18/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 2/24/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-83S | 12146 Stark ROW | 3-13 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 5/25/2017 | NA | | NA | NA | NA | NA | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 7/25/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 11/9/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 2/8/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 5/8/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 8/6/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.14 J | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 10/23/2018 | 0.86 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 2/28/2019 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 5/21/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 9/24/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 11/25/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.10 J | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 8/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 11/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 2/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 5/6/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.11 J | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 8/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 11/8/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 2/16/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 5/6/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 8/3/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 11/4/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 2/28/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 5/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 8/9/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 11/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-84 | 34851 Beacon ROW | 8-13 | 2/26/2024 | < 2.0 | S | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-84 | 34851 Beacon ROW | 8-13 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-84 | 34851 Beacon ROW | 8-13 | 8/2/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-84 | 34851 Beacon ROW | 8-13 | 11/12/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 2/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84 | 34851 Beacon ROW | 8-13 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 12/21/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 2/28/2019 | < 2.0 J [< 2.0] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 J [< 1.0 J] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 5/9/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 9/24/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.17 J | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 11/25/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.12 J | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 8/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 11/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 2/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 5/6/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.14 J | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 8/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 11/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 2/16/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 5/6/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 8/4/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 11/4/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 2/27/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 5/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 8/9/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 11/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 2/26/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 5/9/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 8/2/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 11/12/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 2/28/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-84S | 34851 Beacon ROW | 2.5-12.5 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-85 | 34400 Rosati ROW | 8-13 | 5/25/2017 | NA | | NA | NA | NA | NA | < 1.0 | **8.6** |
| MW-85 | 34400 Rosati ROW | 8-13 | 7/25/2017 | 0.29 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **7.3** |
| MW-85 | 34400 Rosati ROW | 8-13 | 11/7/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **7.3** |
| MW-85 | 34400 Rosati ROW | 8-13 | 2/8/2018 | 0.41 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **5.5** |
| MW-85 | 34400 Rosati ROW | 8-13 | 5/8/2018 | 0.45 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **7.5** |
| MW-85 | 34400 Rosati ROW | 8-13 | 8/8/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **7.2** |
| MW-85 | 34400 Rosati ROW | 8-13 | 10/22/2018 | 1.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **5.5** |
| MW-85 | 34400 Rosati ROW | 8-13 | 2/26/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **5.5** |
| MW-85 | 34400 Rosati ROW | 8-13 | 5/17/2019 | 1.3 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **5.4** |
| MW-85 | 34400 Rosati ROW | 8-13 | 9/17/2019 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **6.5 [6.1]** |
| MW-85 | 34400 Rosati ROW | 8-13 | 11/13/2019 | 0.49 J [0.47 J] | V | < 1.0 J [< 1.0 ] | < 1.0 J [< 1.0 ] | < 1.0 J [< 1.0 ] | < 1.0 J [< 1.0 ] | < 1.0 J [< 1.0 ] | **5.1 J [6.2]** |
| MW-85 | 34400 Rosati ROW | 8-13 | 2/3/2020 | 1.2 J [1.1 J] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **4.9 [5.0]** |
| MW-85 | 34400 Rosati ROW | 8-13 | 5/19/2020 | < 2.0 [1.1 J] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **3.9 [3.7]** |
| MW-85 | 34400 Rosati ROW | 8-13 | 8/14/2020 | 0.93 J [1.0 J] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **5.4 [5.5]** |
| MW-85 | 34400 Rosati ROW | 8-13 | 11/11/2020 | < 2.0 [1.0 J] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **5.4 [5.2]** |
| MW-85 | 34400 Rosati ROW | 8-13 | 2/19/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **5.8 [5.7]** |
| MW-85 | 34400 Rosati ROW | 8-13 | 5/14/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **6.0** |
| MW-85 | 34400 Rosati ROW | 8-13 | 8/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.8** |
| MW-85 | 34400 Rosati ROW | 8-13 | 11/1/2021 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **4.8 [5.6]** |
| MW-85 | 34400 Rosati ROW | 8-13 | 2/8/2022 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **5.3 [5.1]** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-85 | 34400 Rosati ROW | 8-13 | 5/19/2022 | < 2.0 [< 2.0 ] V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **3.1 J [0.84 J]** |
| MW-85 | 34400 Rosati ROW | 8-13 | 8/12/2022 | < 2.0 [< 2.0 ] V | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | **4.9 [5.2]** |
| MW-85 | 34400 Rosati ROW | 8-13 | 11/2/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.9** |
| MW-85 | 34400 Rosati ROW | 8-13 | 3/3/2023 | < 2.0 [< 2.0] V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | **4.6 [4.5]** |
| MW-85 | 34400 Rosati ROW | 8-13 | 5/9/2023 | 1.1 J V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **6.9** |
| MW-85 | 34400 Rosati ROW | 8-13 | 8/11/2023 | < 2.0 [< 2.0] V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | **4.8 [4.7]** |
| MW-85 | 34400 Rosati ROW | 8-13 | 11/2/2023 | < 2.0 S | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | **3.7 J** |
| MW-85 | 34400 Rosati ROW | 8-13 | 2/29/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.7** |
| MW-85 | 34400 Rosati ROW | 8-13 | 5/13/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.7** |
| MW-85 | 34400 Rosati ROW | 8-13 | 8/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **6.3** |
| MW-85 | 34400 Rosati ROW | 8-13 | 11/18/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **4.8** |
| MW-85 | 34400 Rosati ROW | 8-13 | 2/19/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.6** |
| MW-85 | 34400 Rosati ROW | 8-13 | 5/2/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **3.2** |
| MW-85S | 34400 Rosati ROW | 4.5-9.5 | 12/21/2018 | 1.1 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **7.8** |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 4/12/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 9/17/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.1** |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 11/13/2019 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 2/3/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 5/19/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.33 J |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 8/14/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.2** |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 11/11/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 2.0 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 2/19/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.6 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 5/14/2021 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | 1.9 [1.8] |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 8/11/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.2 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 11/1/2021 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.69 J |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 2/9/2022 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 5/19/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 8/12/2022 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 11/1/2022 | < 2.0 [< 2.0] V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | 0.96 J [0.94 J] |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 3/7/2023 | < 2.0 [< 2.0] V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | 0.49 J [0.48 J] |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 5/9/2023 | < 2.0 J [< 2.0 J] V | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | < 1.0 [< 1.0] | 1.6 [1.7] |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 8/11/2023 | < 2.0 V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 11/7/2023 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.5 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 2/28/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 5/13/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 8/6/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **2.6** |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 11/18/2024 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.3 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 2/19/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.0 |
| MW-85SR | 34400 Rosati ROW | 4.5-9.5 | 5/2/2025 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 5/25/2017 | NA | NA | NA | NA | NA | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 7/26/2017 | 0.99 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 11/10/2017 | 0.87 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 2/8/2018 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 5/10/2018 | 1.2 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 8/6/2018 | < 2.0 [< 2.0 ] S | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [0.10 J] | < 1.0 [< 1.0 ] |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 10/24/2018 | 1.4 J S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 2/28/2019 | < 2.0 J S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 5/21/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 9/19/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 11/25/2019 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 2/11/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 8/7/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 11/5/2020 | < 2.0 S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 2/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 5/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 8/3/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 11/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 2/14/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 5/17/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 8/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 10/31/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 2/23/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 5/8/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 8/7/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 10/30/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 2/21/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 7/31/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 11/4/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 2/18/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86 | 34891 Wadsworth ROW | 12-17 | 5/1/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 12/18/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 2/28/2019 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 5/13/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 11/25/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 8/7/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 11/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.11 J | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 2/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 5/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 8/3/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 11/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 2/14/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 5/17/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 8/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 10/31/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 2/23/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 5/8/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 8/7/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 10/30/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 2/21/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 7/31/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 11/4/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 2/18/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-86S | 34891 Wadsworth ROW | 2.5-12.5 | 5/1/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 5/23/2017 | NA | | NA | NA | NA | NA | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 7/26/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 11/10/2017 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 2/8/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 5/10/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 8/6/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 10/23/2018 | 0.88 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 2/28/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 5/21/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 9/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| Location: | Property Address: | Screen Interval (ft bgs): | Sample Date: | | | | | | | | |
| MW-87 | 34901 Standish ROW | 14-19 | 11/22/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 8/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 11/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 2/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 5/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 8/2/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 11/1/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 2/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 5/11/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 8/8/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 11/1/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 2/23/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 5/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 7/31/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 10/30/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 2/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-87 | 34901 Standish ROW | 14-19 | 5/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 7/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 3/4/2025 | < 2.0 | S | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87 | 34901 Standish ROW | 14-19 | 4/30/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 12/21/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 3/1/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 5/13/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 9/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 11/22/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 2/12/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 8/6/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 11/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 2/15/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 5/13/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 8/2/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 11/1/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 2/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 5/11/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 8/8/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 11/1/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 2/22/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 5/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 7/31/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 10/30/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 2/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 5/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 7/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 3/4/2025 | < 2.0 | S | < 1.0 J | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-87S | 34901 Standish ROW | 4.5-14.5 | 4/30/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 12/17/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 3/7/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 B |
| MW-88S | 34965 Wadsworth | 3-13 | 5/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 9/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 11/14/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 2/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-88S | 34965 Wadsworth | 3-13 | 5/21/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 8/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 11/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 2/25/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 5/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 8/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 11/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 2/8/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 5/13/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 8/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 11/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 3/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 5/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 8/4/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 10/30/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 2/21/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 8/5/2024 | < 2.0 J | S | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-88S | 34965 Wadsworth | 3-13 | 11/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-88S | 34965 Wadsworth | 3-13 | 2/19/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-88S | 34965 Wadsworth | 3-13 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-89S | 34940 Beacon | 3-13 | 12/19/2018 | < 2.0 | S | < 1.0 | 1.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-89S | 34940 Beacon | 3-13 | 2/26/2019 | < 2.0 | S | < 1.0 | 0.77 J | < 1.0 | < 1.0 | < 1.0 | 0.77 J |
| MW-89S | 34940 Beacon | 3-13 | 5/10/2019 | < 2.0 | S | < 1.0 | 0.43 J | < 1.0 | < 1.0 | < 1.0 | 2.0 |
| MW-89S | 34940 Beacon | 3-13 | 9/24/2019 | < 2.0 | S | < 1.0 | 0.87 J | < 1.0 | < 1.0 | < 1.0 | **2.3** |
| MW-89S | 34940 Beacon | 3-13 | 11/14/2019 | 0.38 J | V | < 1.0 | 1.5 | < 1.0 | < 1.0 | < 1.0 | 0.75 J |
| MW-89S | 34940 Beacon | 3-13 | 2/20/2020 | < 2.0 | S | < 1.0 | 0.21 J | < 1.0 | < 1.0 | < 1.0 | 0.23 J |
| MW-89S | 34940 Beacon | 3-13 | 8/21/2020 | < 2.0 | S | < 1.0 | 0.43 J | < 1.0 | < 1.0 | < 1.0 | 1.9 |
| MW-89S | 34940 Beacon | 3-13 | 11/9/2020 | < 2.0 | S | < 1.0 | 0.96 J | < 1.0 | < 1.0 | < 1.0 J | 0.65 J |
| MW-89S | 34940 Beacon | 3-13 | 2/26/2021 | < 2.0 | S | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-89S | 34940 Beacon | 3-13 | 5/7/2021 | < 2.0 | S | < 1.0 | 1.7 | < 1.0 | < 1.0 | < 1.0 | 0.36 J |
| MW-89S | 34940 Beacon | 3-13 | 8/5/2021 | < 2.0 | S | < 1.0 | 1.8 | < 1.0 | < 1.0 | < 1.0 | 0.56 J |
| MW-89S | 34940 Beacon | 3-13 | 11/3/2021 | < 2.0 | S | < 1.0 | 1.8 | < 1.0 | < 1.0 | < 1.0 | 0.69 J |
| MW-89S | 34940 Beacon | 3-13 | 2/11/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 0.86 J |
| MW-89S | 34940 Beacon | 3-13 | 5/17/2022 | < 2.0 | V | < 1.0 | 0.53 J | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-89S | 34940 Beacon | 3-13 | 8/3/2022 | < 2.0 | V | < 1.0 | 0.82 J | < 1.0 | < 1.0 | < 1.0 | 1.4 |
| MW-89S | 34940 Beacon | 3-13 | 11/17/2022 | < 2.0 | V | < 1.0 | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-89S | 34940 Beacon | 3-13 | 3/2/2023 | < 2.0 | V | < 1.0 | 7.7 | < 1.0 | 0.78 J | < 1.0 | < 1.0 |
| MW-89S | 34940 Beacon | 3-13 | 5/3/2023 | < 2.0 J | V | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-89S | 34940 Beacon | 3-13 | 8/8/2023 | < 2.0 | V | < 1.0 | 3.8 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-89S | 34940 Beacon | 3-13 | 11/9/2023 | <2.0 | V | <1.0 | 5.6 | <1.0 | 0.63 J | <1.0 | <1.0 |
| MW-89S | 34940 Beacon | 3-13 | 3/5/2024 | < 2.0 | S | < 1.0 | 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-89S | 34940 Beacon | 3-13 | 5/15/2024 | < 2.0 | S | < 1.0 | 4.2 | < 1.0 | 0.56 J | < 1.0 | < 1.0 |
| MW-89S | 34940 Beacon | 3-13 | 8/1/2024 | < 2.0 | S | < 1.0 | 7.7 | < 1.0 | 0.91 J | < 1.0 | 1.0 |
| MW-89S | 34940 Beacon | 3-13 | 11/11/2024 | < 2.0 | S | < 1.0 | 6.3 | < 1.0 | 0.79 J | < 1.0 | < 1.0 |
| MW-89S | 34940 Beacon | 3-13 | 2/19/2025 | < 2.0 | S | < 1.0 | 4.8 | < 1.0 | 0.64 J | < 1.0 | < 1.0 |
| MW-89S | 34940 Beacon | 3-13 | 5/2/2025 | < 2.0 | S | < 1.0 | 2.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 12/27/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 2/26/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 5/14/2019 | < 2.0 B | S | < 1.0 | < 1.0 | < 1.0 | 0.24 J | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 9/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 11/21/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 2/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-90S | 34380 Capitol | 2.5-12.5 | 8/24/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 11/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 2/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 5/20/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 8/18/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 11/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 + | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 3/1/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 5/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 8/8/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 11/18/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 2/28/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 5/2/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 8/10/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 11/20/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 3/6/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 5/20/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 8/12/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 11/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 3/3/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-90S | 34380 Capitol | 2.5-12.5 | 5/8/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 12/28/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 2/26/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 5/21/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 11/18/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 2/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 5/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 8/13/2020 | < 2.0 | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 11/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 2/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 5/14/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 8/6/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 11/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 2/21/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 5/19/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 8/5/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 11/8/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 2/24/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 5/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 8/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 11/7/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 2/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 7/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 11/18/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 2/21/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-91S | 12034 Brewster | 2.5-12.5 | 4/30/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 12/19/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 2/27/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 5/17/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 9/18/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 11/19/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte | | | | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Units | | | | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| Part 201 Residential DW Criteria[1] | | | | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| Part 201 GSI Criteria[2] | | | | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| EGLE Residential SSVIAC[3] | | | | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-92S | 12036 Brewster | 2.5-12.5 | 2/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 8/20/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 11/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 2/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 5/17/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 8/6/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 11/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-92S | 12036 Brewster | 2.5-12.5 | 2/21/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 5/19/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 8/5/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 11/8/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 3/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 5/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 8/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 11/10/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 2/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 8/1/2024 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-92S | 12036 Brewster | 2.5-12.5 | 11/22/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 2/21/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-92S | 12036 Brewster | 2.5-12.5 | 4/30/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 12/17/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 2/27/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 5/13/2019 | < 2.0 B | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 9/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 11/18/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 2/13/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 8/25/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 11/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 2/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 5/12/2021 | < 2.0 | S | < 1.0 | 0.17 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 8/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 11/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 2/15/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 5/11/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 8/19/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 11/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 2/23/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 5/5/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 8/3/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 11/1/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 2/21/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 5/10/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 8/2/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 2/10/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-93S | 11775 Boston Post | 2.5-12.5 | 5/2/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 12/21/2018 | < 2.0 [< 2.0 ] | S | < 1.0 [< 1.0 ] | 0.16 J [0.18 J] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] | < 1.0 [< 1.0 ] |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 3/6/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 5/15/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 11/18/2019 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 2/13/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 8/25/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 11/9/2020 | < 2.0 | S | < 1.0 J | 0.21 J | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 2/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 5/12/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 8/2/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 11/10/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 5/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 8/1/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 11/16/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 3/2/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 5/17/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 8/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 11/1/2023 | <2.0 | V | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 2/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J | < 1.0 J |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 5/17/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 7/31/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 11/4/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 2/18/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-94S | 11680 Boston Post | 2.5-12.5 | 5/7/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 12/19/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 3/7/2019 | < 2.0 | S | < 1.0 | 0.19 J | < 1.0 | < 1.0 | < 1.0 | 0.72 J |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 5/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 9/18/2019 | < 2.0 | S | < 1.0 | 0.23 J | < 1.0 | < 1.0 | < 1.0 | 0.54 J |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 11/15/2019 | 0.34 J | V | < 1.0 | 0.30 J | < 1.0 | < 1.0 | < 1.0 | 0.97 J |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 2/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 8/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 11/11/2020 | < 2.0 | S | < 1.0 | 0.22 J | < 1.0 | < 1.0 | < 1.0 | 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 2/12/2021 | < 2.0 | S | < 1.0 | 0.17 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 5/17/2021 | < 2.0 | S | < 1.0 | 0.17 J | < 1.0 | < 1.0 | < 1.0 | 0.56 J |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 8/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 11/5/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 2/14/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 2/21/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 5/10/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 8/1/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 11/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.7 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 2/24/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 5/15/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 8/1/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 11/17/2023 | <2.0 | V | <1.0 | 0.56 J | <1.0 | <1.0 | 0.76 J | 0.62 J |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 2/27/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 5/9/2024 | < 2.0 | S | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 8/6/2024 | < 2.0 J | S | < 1.0 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 11/11/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.1 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 2/17/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-95S | 12131 Boston Post | 2.5-12.5 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 12/18/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 2/27/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 J | < 1.0 | < 1.0 J | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 5/16/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 9/20/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 11/26/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 2/13/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 8/3/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 11/13/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 2/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 5/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 8/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 11/1/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 2/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 5/5/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 8/9/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 10/31/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 3/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 5/16/2023 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 7/31/2023 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 11/21/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 J |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 2/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | <1.0 J |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 8/2/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 11/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 2/20/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-96S | 11850 Boston Post ROW | 2.5-12.5 | 5/1/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 12/27/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 3/6/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 5/10/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 9/19/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 11/22/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 2/13/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 8/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 11/19/2020 | < 2.0 | S | < 1.0 | 0.47 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 2/11/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 5/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 8/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 11/9/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 2/22/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 5/18/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 8/3/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 10/31/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 2/22/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 5/16/2023 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 7/31/2023 | < 2.0 J | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 11/1/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 2/19/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 5/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 8/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 2/20/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-97S | 11850 Boston Post ROW | 2.5-12.5 | 5/2/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 12/19/2018 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 3/6/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 5/10/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 9/20/2019 | < 2.0 | S | < 1.0 | 0.21 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 11/13/2019 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 2/10/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 5/19/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 8/5/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 11/13/2020 | < 2.0 | S | < 1.0 | 0.25 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 2/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 5/6/2021 | < 2.0 | S | < 1.0 | 0.18 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 8/19/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 11/4/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 2/16/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 5/4/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 8/5/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 11/4/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 2/28/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 5/2/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 8/11/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 11/6/2023 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 2/28/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 5/10/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 7/29/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 11/7/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 2/18/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-98S | 12017 Brewster (Beacon ROW) | 2.5-12.5 | 5/6/2025 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 12/21/2018 | < 2.0 | S | < 1.0 | 0.94 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 3/7/2019 | < 2.0 | S | < 1.0 | 0.57 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 5/9/2019 | < 2.0 | S | < 1.0 | 0.89 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 9/16/2019 | < 2.0 | S | < 1.0 | 0.30 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 11/6/2019 | < 2.0 | V | < 1.0 | 0.41 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 2/4/2020 | < 2.0 | S | < 1.0 | 0.20 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 5/21/2020 | < 2.0 | S | < 1.0 | 0.45 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 8/11/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 11/16/2020 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 2/15/2021 | < 2.0 | S | < 1.0 | 0.43 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 5/19/2021 | < 2.0 | S | < 1.0 | 0.40 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 8/16/2021 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 11/18/2021 | < 2.0 | S | < 1.0 | 0.58 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 2/24/2022 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 5/17/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 8/9/2022 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 11/1/2022 | < 2.0 | V | < 1.0 | 0.74 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 3/7/2023 | < 2.0 | V | < 1.0 | 0.79 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 5/15/2023 | < 2.0 J | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 J |
| MW-99S | 11864 Belden ROW | 3-13 | 8/10/2023 | < 2.0 | V | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 11/7/2023 | < 2.0 | V | < 1.0 J | 0.94 J | < 1.0 J | < 1.0 J | < 1.0 J | < 1.0 J |
| MW-99S | 11864 Belden ROW | 3-13 | 3/6/2024 | < 2.0 | S | < 1.0 | 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 5/15/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 8/8/2024 | < 2.0 | S | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 11/12/2024 | < 2.0 | S | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 2/21/2025 | < 2.0 | S | < 1.0 | 1.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| MW-99S | 11864 Belden ROW | 3-13 | 5/5/2025 | < 2.0 | S | < 1.0 J | 0.89 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| PW-16-01 | Onsite | 9.7-19.7 | 5/17/2016 | 0.28 J | S | < 3.3 | 33 | < 3.3 | < 3.3 | < 3.3 | **130** |
| PW-16-01 | Onsite | 9.7-19.7 | 5/17/2016 | 1.1 J | S | < 100 | **97 J** | < 100 | < 100 | < 100 | **2,800** |
| PW-16-01 | Onsite | 9.7-19.7 | 5/17/2016 | **9.5** | S | < 500 | **4,600** | < 500 | < 500 | < 500 | **12,000** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| Location: | Property Address: | Screen Interval (ft bgs): | Sample Date: | | | | | | | |
| PW-16-01 | Onsite | 9.7-19.7 | 8/10/2016 | 3.9 S | < 500 | **1,500** | < 500 | < 500 | < 500 | **4,500** |
| PW-16-01 | Onsite | 9.7-19.7 | 8/11/2016 | 2.8 S | < 250 | **1,200** | < 250 | < 250 | < 250 | **4,300** |
| PW-16-01 | Onsite | 9.7-19.7 | 8/12/2016 | 3.4 S | < 500 | **1,700** | < 500 | < 500 | < 500 | **5,000** |
| PW-16-01 | Onsite | 9.7-19.7 | 8/2/2017 | < 2.0 S | < 1.0 | 2.2 | < 1.0 | < 1.0 | < 1.0 | **24** |
| PW-16-01 | Onsite | 9.7-19.7 | 11/7/2017 | **14** S | < 200 | **550** | < 200 | < 200 | < 200 | **5,300** |
| PW-16-01 | Onsite | 9.7-19.7 | 2/7/2018 | 0.76 J S | < 14 | **82** | < 14 | 5.4 J | < 14 | **160** |
| PW-16-01 | Onsite | 9.7-19.7 | 5/15/2018 | < 2.0 S | < 14 | 7.1 J | < 14 | < 14 | < 14 | **37 J** |
| PW-16-01 | Onsite | 9.7-19.7 | 8/6/2018 | < 2.0 S | < 40 | **180** | < 40 | < 40 | < 40 | **870** |
| PW-16-01 | Onsite | 9.7-19.7 | 10/30/2018 | 1.3 J S | < 40 | **250** | < 40 | 10 J | < 40 | **1,400** |
| PW-16-01 | Onsite | 9.7-19.7 | 2/26/2019 | < 2.0 S | < 1.0 | 0.51 J | < 1.0 | < 1.0 | < 1.0 | 0.92 J |
| PW-16-01 | Onsite | 9.7-19.7 | 6/10/2019 | 3.0 S | < 100 | **300** | < 100 | < 100 | < 100 | **2,100** |
| PW-16-01 | Onsite | 9.7-19.7 | 9/24/2019 | 1.3 J S | < 100 | **310** | < 100 | < 100 | < 100 | **2,000** |
| PW-16-01 | Onsite | 9.7-19.7 | 11/11/2019 | < 2.0 S | < 1.0 | 67 | < 1.0 | 3.7 | < 1.0 | **450** |
| PW-16-01 | Onsite | 9.7-19.7 | 2/7/2020 | < 2.0 S | < 1.0 | 0.77 J | < 1.0 | < 1.0 | < 1.0 | 1.8 |
| PW-16-01 | Onsite | 9.7-19.7 | 5/27/2020 | < 2.0 S | < 1.0 | 6.3 | < 1.0 | 0.39 J | < 1.0 | **360** |
| PW-16-01 | Onsite | 9.7-19.7 | 8/4/2020 | < 2.0 S | < 13 | **110** | < 13 | < 13 | < 13 | **160** |
| PW-16-01 | Onsite | 9.7-19.7 | 11/9/2020 | < 2.0 S | < 1.0 | 2.1 | < 1.0 | < 1.0 | < 1.0 | **35** |
| PW-16-01 | Onsite | 9.7-19.7 | 2/10/2021 | < 2.0 S | < 2.0 | 10 | < 2.0 | < 2.0 | < 2.0 | **34** |
| PW-16-01 | Onsite | 9.7-19.7 | 5/18/2021 | < 2.0 S | < 1.0 | **73** | < 1.0 | 7.6 | < 1.0 | **180** |
| PW-16-01 | Onsite | 9.7-19.7 | 8/6/2021 | 1.5 J S | < 170 | **140 J** | < 170 | < 170 | < 170 | **1,500** |
| PW-16-01 | Onsite | 9.7-19.7 | 11/15/2021 | < 2.0 S | < 17 | 63 | < 17 | < 17 | < 17 | **670** |
| PW-16-01 | Onsite | 9.7-19.7 | 2/21/2022 | < 2.0 S | < 13 | 63 | < 13 | 11 J | < 13 | **600** |
| PW-16-01 | Onsite | 9.7-19.7 | 5/4/2022 | 1.2 S | < 13 | 68 | < 13 | 9.1 J | < 13 | **980** |
| PW-16-01 | Onsite | 9.7-19.7 | 8/12/2022 | < 2.0 S | < 20 | 50 | < 20 | < 20 | < 20 | **840** |
| PW-16-01 | Onsite | 9.7-19.7 | 11/14/2022 | < 2.0 S | < 20 | **73** | < 20 | < 20 | < 20 | **930** |
| PW-16-01 | Onsite | 9.7-19.7 | 2/24/2023 | 1.0 J S | < 20 | 67 | < 20 | < 20 | < 20 | **600** |
| PW-16-01 | Onsite | 9.7-19.7 | 5/11/2023 | < 2.0 S | < 5.0 | 53 | < 5.0 | 7.2 | < 5.0 | **990** |
| PW-16-01 | Onsite | 9.7-19.7 | 8/17/2023 | < 2.0 S | < 20 | 64 | < 20 | < 20 | < 20 | **1000** |
| PW-16-01 | Onsite | 9.7-19.7 | 11/16/2023 | 0.95 J S | <1.0 | 60 | <1.0 | 5.8 | <1.0 | **690** |
| PW-16-01 | Onsite | 9.7-19.7 | 2/22/2024 | <2.0 S | <20 | 52 | <20 | <20 | <20 | **810 J** |
| PW-16-01 | Onsite | 9.7-19.7 | 5/20/2024 | 0.96 J S | < 50* | 57 | < 50* | < 50 | < 50* | **930** |
| PW-16-01 | Onsite | 9.7-19.7 | 8/1/2024 | <2.0 S | <20* | 51 | < 20* | < 20 | < 20* | **1,200** |
| PW-16-01 | Onsite | 9.7-19.7 | 11/14/2024 | 0.87 J S | < 50* | **76** | < 50* | < 50 | < 50* | **1,300** |
| PW-16-01 | Onsite | 9.7-19.7 | 3/3/2025 | <2.0 S | <1.0 | 1.6 | <1.0 | <1.0 | <1.0 | **2.8** |
| PW-16-01 | Onsite | 9.7-19.7 | 5/20/2025 | 1.0 J S | <1.0 | 50 | <1.0 | 3.3 | <1.0 | **890** |
| TW-16-01 | Onsite | 12-17 | 8/2/2017 | < 2.0 S | < 10 | 17 | < 10 | < 10 | < 10 | **210** |
| TW-16-01 | Onsite | 12-17 | 11/7/2017 | < 2.0 S | < 13 | 32 | < 13 | < 13 | < 13 | **320** |
| TW-16-01 | Onsite | 12-17 | 2/7/2018 | < 2.0 S | < 33 | 34 | < 33 | < 33 | < 33 | **380** |
| TW-16-01 | Onsite | 12-17 | 5/15/2018 | < 2.0 S | < 33 | 68 | < 33 | 11 J | < 33 | **720** |
| TW-16-01 | Onsite | 12-17 | 8/6/2018 | < 2.0 S | < 25 | **140** | < 25 | 7.5 J | < 25 | **680** |
| TW-16-01 | Onsite | 12-17 | 10/30/2018 | < 2.0 S | < 25 | **180** | < 25 | 14 J | < 25 | **830** |
| TW-16-01 | Onsite | 12-17 | 2/26/2019 | < 2.0 S | < 100 | **150** | < 100 | 22 J | **15 J** | **750** |
| TW-16-01 | Onsite | 12-17 | 6/10/2019 | < 2.0 S | < 33 | **140** | < 33 | 8.0 J | < 33 | **550** |
| TW-16-01 | Onsite | 12-17 | 9/24/2019 | < 2.0 S | < 20 | **170** | < 20 | < 20 | < 20 | **420** |
| TW-16-01 | Onsite | 12-17 | 11/11/2019 | < 2.0 S | 0.57 J | **180** | < 1.0 | 4.9 | < 1.0 | **480** |
| TW-16-01 | Onsite | 12-17 | 2/7/2020 | < 2.0 S | < 13 | **91** | < 13 | < 13 | < 13 | **370** |
| TW-16-01 | Onsite | 12-17 | 8/18/2020 | < 2.0 S | < 13 | **88** | < 13 | < 13 | < 13 | **190** |
| TW-16-01 | Onsite | 12-17 | 11/9/2020 | < 2.0 S | < 10 | **91** | < 10 | < 10 | < 10 | **300** |
| TW-16-01 | Onsite | 12-17 | 3/2/2021 | < 2.0 S | < 13 | 30 | < 13 | < 13 | < 13 | **120** |
| TW-16-01 | Onsite | 12-17 | 5/18/2021 | < 2.0 S | < 2.5 | 41 | < 2.5 | < 2.5 | < 2.5 | **150** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte | 1,4-Dioxane | | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Units | µg/L | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | Part 201 Residential DW Criteria[1] | 7.2 (II) | | 7.0 (A) | 70 (A) | 5.0 (A) | 100 (A) | 5.0 (A) | 2.0 (A) |
| | | | Part 201 GSI Criteria[2] | 280 (X) | | 130 | 620 | 60 (X) | 1,500 (X) | 200 (X) | 13 (X) |
| | | | EGLE Residential SSVIAC[3] | 1,900 | | 18 | 3.4 | 1.5 | 13 | 1.0 (M) | 1.0 (M) |
| **Location:** | **Property Address:** | **Screen Interval (ft bgs):** | **Sample Date:** | | | | | | | | |
| TW-16-02 | Onsite | 12-17 | 4/25/2017 | 7.2 | S | < 630 | **5,200** | < 630 | < 630 | < 630 | **15,000** |
| TW-16-02 | Onsite | 12-17 | 8/2/2017 | 3.9 | S | < 500 | **3,100** | < 500 | < 500 | < 500 | **12,000** |
| TW-16-02 | Onsite | 12-17 | 11/7/2017 | 5.8 | S | < 400 | **6,000** | < 400 | < 400 | < 400 | **13,000** |
| TW-16-02 | Onsite | 12-17 | 2/14/2018 | 3.9 | S | < 1,000 | **3,500** | < 1,000 | < 1,000 | < 1,000 | **9,100** |
| TW-16-02 | Onsite | 12-17 | 5/11/2018 | 5 | S | < 500 | **4,400** | < 500 | < 500 | < 500 | **8,500** |
| TW-16-02 | Onsite | 12-17 | 8/6/2018 | 2.7 | S | < 250 | **4,100** | < 250 | 56 J | < 250 | **7,300** |
| TW-16-02 | Onsite | 12-17 | 10/30/2018 | 5.3 | S | < 500 | **6,900** | < 500 | < 500 | < 500 | **12,000** |
| TW-16-02 | Onsite | 12-17 | 2/26/2019 | 4.6 | S | < 330 | **7,700** | < 330 | **130 J** | < 330 | **8,900** |
| TW-16-02 | Onsite | 12-17 | 6/10/2019 | 2.8 | S | < 250 | **3,000** | < 250 | < 250 | < 250 | **5,800** |
| TW-16-02 | Onsite | 12-17 | 9/24/2019 | 2.2 | S | < 330 | **2,800** | < 330 | < 330 | < 330 | **7,600** |
| TW-16-02 | Onsite | 12-17 | 11/11/2019 | 2 | S | 15 J | **3,300** | < 25 | 48 | < 25 | **5,700** |
| TW-16-02 | Onsite | 12-17 | 2/3/2020 | 1.8 J | S | < 330 | **2,200** | < 330 | < 330 | < 330 | **7,000** |
| TW-16-02 | Onsite | 12-17 | 8/18/2020 | 1.2 J | S | < 330 | **720** | < 330 | < 330 | < 330 | **3,700** |
| TW-16-02 | Onsite | 12-17 | 11/5/2020 | 1.0 J | S | < 250 | **980** | < 250 | < 250 | < 250 | **5,100** |
| TW-16-02 | Onsite | 12-17 | 3/2/2021 | < 2.0 | S | < 330 | **600** | < 330 | < 330 | < 330 | **4,100** |
| TW-16-02 | Onsite | 12-17 | 5/17/2021 | < 2.0 | S | < 330 | **670** | < 330 | < 330 | < 330 | **5,100** |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | Units: | Part 201 Residential DW Criteria[1] | Part 201 GSI Criteria[2] | EGLE Residential SSVIAC[3] | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level | Location: Onsite or Offsite: | MW-15-61D Onsite | MW-15-61D Onsite | MW-15-61D Onsite | MW-30 Onsite | MW-30 Onsite | MW-31 Onsite | MW-31 Onsite | MW-32 Onsite | MW-33 Onsite | MW-34 Onsite | MW-34 Onsite | MW-35 Onsite |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Screen Interval (ft bgs): | 88-93 | 88-93 | 88-93 | 19-24 | 19-24 | 17-22 | 17-22 | 18-23 | 14-19 | 16.5-21.5 | 16.5-21.5 | 19.5-24.5 |
| | | | | | | Sample Date: | 1/8/2016 | 1/20/2016 | 4/26/2017 | 5/10/2016 | 4/25/2017 | 5/10/2016 | 4/21/2017 | 5/10/2016 | 5/11/2016 | 5/10/2016 | 4/24/2017 | 5/10/2016 |
| **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 200 (A) | 89 | NA | 180 (FF) st | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | NA | 2.4 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | NA | 840 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | NA | 1 (M); 0.47 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | NA | 4.7 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,3-Trimethylbenzene | µg/L | NA | NA | NA | NA | | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | NA | 5 (M); 3.8 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | NA | 25 (JT) nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | NA | 0.2 (M); 0.00045 (MM) mut | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | NA | 0.13 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | NA | 370 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | NA | 1.4 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | NA | 2.6 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | NA | 18 (JT) nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | NA | 2.6 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | NA | 5.9 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| 2-Butanone (MEK) | µg/L | 13000 | 2,200 | NA | 2,600 (DD) dev | | < 10 | 0.92 J | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | NA | 200 (FF) st | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Acetone | µg/L | 730 | 1,700 | NA | 50,000 (FF) st | | 27 | 4.3 J | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | NA | 1.0 ca | | 0.63 J | 0.92 J | 0.57 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | NA | 1.2 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromoform | µg/L | 80 (A,W) | ID | NA | 89 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | NA | 5 (M); 2.1 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Carbon Disulfide | µg/L | 800 | ID | NA | 92 nc | | < 5.0 | < 5.0 | 0.91 J | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | NA | 1 (M); 0.41 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-11 | µg/L | 2600 | NA | NA | 22 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CFC-12 | µg/L | 1700 | ID | NA | 13 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorobenzene | µg/L | 100 (A) | 25 | NA | 33 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | NA | 5 (M); 0.78 (MM) mut | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroethane | µg/L | 430 | 1,100 (X) | NA | 620 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloroform | µg/L | 80 (A,W) | 350 | NA | 1 (M); 0.49 ca | | 0.36 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Chloromethane | µg/L | 260 | ID | NA | 15 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | NA | 3.3 (J) ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Cyclohexane | µg/L | NA | NA | NA | NA | | 4.3 | 5.6 | 0.48 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | NA | 79 (FF) st | | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Diethyl ether | µg/L | 10 (E) | ID | NA | 1,200 nc | | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | NA | 2.8 ca | | 0.39 J | 0.42 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Isopropylbenzene | µg/L | 800 | 28 | NA | 5 (M); 0.60 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl Acetate | µg/L | NA | NA | NA | NA | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | NA | 660 nc | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Methylcyclohexane | µg/L | NA | NA | NA | NA | | 3.1 | 4.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Methyl-tert-butyl ether | µg/L | 40 (E) | 7,100 (X) | NA | 250 ca | | 0.39 J | 0.40 J | 0.27 J | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | NA | 33 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Toluene | µg/L | 790 (E) | 270 | NA | 300 (FF) st | | 2.3 | 2.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Total Xylenes | µg/L | 280 (E) | 49 | NA | 75 (J) nc | | 1.8 J | 1.7 J | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | NA | 3.3 (J) ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | Units: | Part 201 Residential DW Criteria[1] | Part 201 GSI Criteria[2] | EGLE Residential SSVIAC[3] | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level | Location: Onsite or Offsite: Screen Interval (ft bgs): Sample Date: | MW-15-61D Onsite 88-93 1/8/2016 | MW-15-61D Onsite 88-93 1/20/2016 | MW-15-61D Onsite 88-93 4/26/2017 | MW-30 Onsite 19-24 5/10/2016 | MW-30 Onsite 19-24 4/25/2017 | MW-31 Onsite 17-22 5/10/2016 | MW-31 Onsite 17-22 4/21/2017 | MW-32 Onsite 18-23 5/10/2016 | MW-33 Onsite 14-19 5/11/2016 | MW-34 Onsite 16.5-21.5 5/10/2016 | MW-34 Onsite 16.5-21.5 4/24/2017 | MW-35 Onsite 19.5-24.5 5/10/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Anions** | | | | | | | | | | | | | | | | | | |
| Phosphate | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfide | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Dissolved Gases** | | | | | | | | | | | | | | | | | | |
| Ethane | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | < 0.50 | NA | NA | NA | NA | NA | NA | NA |
| Ethene | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | < 0.50 | NA | NA | NA | NA | NA | NA | NA |
| Methane | µg/L | ID | NA | NA | 10,000 (AA) | | NA | NA | NA | NA | 65 | NA | NA | NA | NA | NA | NA | NA |
| **General Chemistry** | | | | | | | | | | | | | | | | | | |
| Alkalinity | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | 410 | NA | 320 | NA | NA | NA | 300 |
| Alkalinity, Bicarbonate | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | 410 | NA | 320 | NA | NA | NA | 300 |
| Alkalinity, Carbonate | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | < 5.0 | NA | < 5.0 | NA | NA | NA | < 5.0 |
| Bromide | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | < 5.0 | NA | < 2.5 | NA | NA | NA | 0.50 |
| Chloride | mg/L | 250 (E) | (FF) | NA | NA | | NA | NA | NA | NA | NA | **2,800** | NA | **960** | NA | NA | NA | **730** |
| Hardness (as CaCO3) | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | 890 | NA | 710 | NA | NA | NA | 630 |
| Nitrate-N | mg/L | 10 (A,N) | ID | NA | NA | | NA | NA | NA | NA | < 1.0 | < 0.10 J | NA | < 0.10 J | NA | NA | NA | 0.16 J |
| Nitrite | mg/L | 1 (A,N) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| pH | pH units | 6.5 to 8.5 (E) | 6.5 to 9.0 | NA | NA | | NA | NA | NA | NA | NA | **7.12 J** | NA | **7.28 J** | NA | NA | NA | **7.64 J** |
| Sulfate | mg/L | 250 (E) | NA | NA | NA | | NA | NA | NA | NA | 52 | 110 | NA | 79 | NA | NA | NA | 17 |
| Total Dissolved Solids | mg/L | 500 (E) | (EE) | NA | NA | | NA | NA | NA | NA | NA | **6,900** | NA | **2,100** | NA | NA | NA | **1,700** |
| Total Suspended Solids | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | 12 | NA | 8.0 | NA | NA | NA | 57 |
| **Metals** | | | | | | | | | | | | | | | | | | |
| Aluminum, Dissolved | µg/L | 50 (V) | NA | NA | NA | | NA | NA | NA | NA | NA | < 200 | NA | < 200 | NA | NA | NA | < 200 |
| Aluminum, Total | µg/L | 50 (V) | NA | NA | NA | | NA | NA | NA | NA | NA | < 200 | NA | < 200 | NA | NA | NA | **700** |
| Arsenic, Total | µg/L | 10 (A) | 10 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Barium, Total | µg/L | 2,000 (A) | 670 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Calcium, Dissolved | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | 260,000 | NA | 200,000 | NA | NA | NA | 170,000 |
| Calcium, Total | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | 250,000 | NA | 200,000 | NA | NA | NA | 180,000 |
| Chromium, Total | µg/L | 100 (A) | 100 (G,X) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Cobalt, Total | µg/L | 40 | 100 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Copper, Total | µg/L | 1,000 (E) | 13 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Iron, Dissolved | µg/L | 300 (E) | NA | NA | NA | | NA | NA | NA | NA | < 100 | **3,300** | NA | **1,400** | NA | NA | NA | **1,700** |
| Iron, Total | µg/L | 300 (E) | NA | NA | NA | | NA | NA | NA | NA | **630** | **3,700** | NA | **2,100** | NA | NA | NA | **3,000** |
| Lead, Total | µg/L | 4.0 (L) | 34 (G,X) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Magnesium, Dissolved | µg/L | 400000 | NA | NA | NA | | NA | NA | NA | NA | NA | 50,000 | NA | 38,000 | NA | NA | NA | 36,000 |
| Magnesium, Total | µg/L | 400000 | NA | NA | NA | | NA | NA | NA | NA | NA | 48,000 | NA | 38,000 | NA | NA | NA | 40,000 |
| Manganese, Dissolved | µg/L | 50 (E) | 2,800 (G,X) | NA | NA | | NA | NA | NA | NA | **77** | **720** | NA | **280** | NA | NA | NA | **100** |
| Manganese, Total | µg/L | 50 (E) | 2,800 (G,X) | NA | NA | | NA | NA | NA | NA | **70** | **730** | NA | **280** | NA | NA | NA | **140** |
| Nickel, Total | µg/L | 100 (A) | 73 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Potassium, Total | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Selenium, Total | µg/L | 50 (A) | 5.0 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sodium, Total | µg/L | 230000 (HH) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Zinc, Total | µg/L | 2400 | 170 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Other** | | | | | | | | | | | | | | | | | | |
| Hydrogen Sulfide | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | < 3.0 | NA | 1.3 J | NA | NA | NA | < 3.0 |
| Sulfide | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | < 3.0 | NA | 1.2 J | NA | NA | NA | < 3.0 |
| **Total Organic Carbon** | | | | | | | | | | | | | | | | | | |
| Carbon, Dissolved | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | 2.6 | 2.0 | NA | 1.2 | NA | NA | NA | 1.7 |
| Total Organic Carbon | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | 2.1 | 2.1 | NA | 0.91 J | NA | NA | NA | 1.7 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | Units: | Part 201 Residential DW Criteria[1] | Part 201 GSI Criteria[2] | EGLE Residential SSVIAC[3] | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level | Location: Onsite or Offsite: Screen Interval (ft bgs): Sample Date: | MW-38 Offsite 15-20 4/26/2017 | MW-39 Onsite 20-25 4/26/2017 | MW-40 Onsite 20-25 5/10/2016 | MW-41 Onsite 16-21 5/11/2016 | MW-41 Onsite 16-21 4/24/2017 | MW-42 Onsite 16-21 5/11/2016 | MW-42 Onsite 16-21 4/24/2017 | MW-43 Onsite 17-22 5/11/2016 | MW-43 Onsite 17-22 4/27/2017 | MW-45 Onsite 15-20 5/12/2016 | MW-45 Onsite 15-20 4/24/2017 | MW-46 Onsite 16-21 5/12/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 200 (A) | 89 | NA | 180 (FF) st | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | NA | 2.4 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | NA | 840 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | NA | 1 (M); 0.47 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | NA | 4.7 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | 1.0 J |
| 1,2,3-Trimethylbenzene | µg/L | NA | NA | NA | NA | | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 2,500 | < 2500 | < 13 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | NA | 5 (M); 3.8 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | NA | 25 (JT) nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | NA | 0.2 (M); 0.00045 (MM) mut | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | NA | 0.13 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | NA | 370 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | NA | 1.4 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | 0.89 J |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | NA | 2.6 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | NA | 18 (JT) nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | NA | 2.6 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | NA | 5.9 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| 2-Butanone (MEK) | µg/L | 13000 | 2,200 | NA | 2,600 (DD) dev | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 5,000 | < 5000 | < 25 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | NA | 200 (FF) st | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 5,000 | < 5000 | < 25 |
| Acetone | µg/L | 730 | 1,700 | NA | 50,000 (FF) st | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 5,000 | < 5000 | < 25 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | NA | 1.0 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | NA | 1.2 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Bromoform | µg/L | 80 (A,W) | ID | NA | 89 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | NA | 5 (M); 2.1 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Carbon Disulfide | µg/L | 800 | ID | NA | 92 nc | | < 5.0 | < 5.0 | 0.42 J | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 2,500 | < 2500 | < 13 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | NA | 1 (M); 0.41 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| CFC-11 | µg/L | 2600 | NA | NA | 22 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| CFC-12 | µg/L | 1700 | ID | NA | 13 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Chlorobenzene | µg/L | 100 (A) | 25 | NA | 33 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | NA | 5 (M); 0.78 (MM) mut | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Chloroethane | µg/L | 430 | 1,100 (X) | NA | 620 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Chloroform | µg/L | 80 (A,W) | 350 | NA | 1 (M); 0.49 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Chloromethane | µg/L | 260 | ID | NA | 15 nc | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | NA | 3.3 (J) ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Cyclohexane | µg/L | NA | NA | NA | NA | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | NA | 79 (FF) st | | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 2,500 | **330 J** | < 13 |
| Diethyl ether | µg/L | 10 (E) | ID | NA | 1,200 nc | | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 1,000 | < 1000 | < 5.0 |
| Ethylbenzene | µg/L | 74 (E) | 18 | NA | 2.8 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Isopropylbenzene | µg/L | 800 | 28 | NA | 5 (M); 0.60 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Methyl Acetate | µg/L | NA | NA | NA | NA | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 5,000 | < 5000 | < 25 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | NA | 660 nc | | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 5,000 | < 5000 | < 25 |
| Methylcyclohexane | µg/L | NA | NA | NA | NA | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Methyl-tert-butyl ether | µg/L | 40 (E) | 7,100 (X) | NA | 250 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | NA | 33 ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Toluene | µg/L | 790 (E) | 270 | NA | 300 (FF) st | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |
| Total Xylenes | µg/L | 280 (E) | 49 | NA | 75 (J) nc | | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 1,000 | < 1000 | < 5.0 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | NA | 3.3 (J) ca | | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 500 | < 500 | < 2.5 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | Units: | Part 201 Residential DW Criteria[1] | Part 201 GSI Criteria[2] | EGLE Residential SSVIAC[3] | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level | Location: Onsite or Offsite: Screen Interval (ft bgs): Sample Date: | MW-38 Offsite 15-20 4/26/2017 | MW-39 Onsite 20-25 4/26/2017 | MW-40 Onsite 20-25 5/10/2016 | MW-41 Onsite 16-21 5/11/2016 | MW-41 Onsite 16-21 4/24/2017 | MW-42 Onsite 16-21 5/11/2016 | MW-42 Onsite 16-21 4/24/2017 | MW-43 Onsite 17-22 5/11/2016 | MW-43 Onsite 17-22 4/27/2017 | MW-45 Onsite 15-20 5/12/2016 | MW-45 Onsite 15-20 4/24/2017 | MW-46 Onsite 16-21 5/12/2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Anions** | | | | | | | | | | | | | | | | | | |
| Phosphate | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfide | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Dissolved Gases** | | | | | | | | | | | | | | | | | | |
| Ethane | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | 0.48 J | NA | NA | NA |
| Ethene | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | < 0.50 | NA | NA | NA |
| Methane | µg/L | ID | NA | NA | 10,000 (AA) | | NA | NA | NA | NA | NA | NA | NA | NA | 190 | NA | NA | NA |
| **General Chemistry** | | | | | | | | | | | | | | | | | | |
| Alkalinity | mg/L | NA | NA | NA | NA | | NA | NA | NA | 400 | NA | NA | NA | 320 | NA | 260 | NA | 310 |
| Alkalinity, Bicarbonate | mg/L | NA | NA | NA | NA | | NA | NA | NA | 400 | NA | NA | NA | 320 | NA | 260 | NA | 310 |
| Alkalinity, Carbonate | mg/L | NA | NA | NA | NA | | NA | NA | NA | < 5.0 | NA | NA | NA | < 5.0 | NA | < 5.0 | NA | < 5.0 |
| Bromide | mg/L | NA | NA | NA | NA | | NA | NA | NA | < 13 | NA | NA | NA | < 13 | NA | < 0.50 | NA | < 0.50 |
| Chloride | mg/L | 250 (E) | (FF) | NA | NA | | NA | NA | NA | **1,700** | NA | NA | NA | **1,400** | NA | **650** | NA | **1,500** |
| Hardness (as CaCO3) | mg/L | NA | NA | NA | NA | | NA | NA | NA | 740 | NA | NA | NA | 800 | NA | 470 | NA | 640 |
| Nitrate-N | mg/L | 10 (A,N) | ID | NA | NA | | NA | NA | NA | < 0.10 J | NA | NA | NA | < 0.10 | < 0.50 | < 0.10 J | NA | < 0.10 J |
| Nitrite | mg/L | 1 (A,N) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| pH | pH units | 6.5 to 8.5 (E) | 6.5 to 9.0 | NA | NA | | NA | NA | NA | **7.31 J** | NA | NA | NA | **7.30 J** | NA | **7.48 J** | NA | **7.57 J** |
| Sulfate | mg/L | 250 (E) | NA | NA | NA | | NA | NA | NA | 110 | NA | NA | NA | 150 | 220 | 150 | NA | 140 |
| Total Dissolved Solids | mg/L | 500 (E) | (EE) | NA | NA | | NA | NA | NA | **4,100** | NA | NA | NA | **3,200** | NA | **1,600** | NA | **3,100** |
| Total Suspended Solids | mg/L | NA | NA | NA | NA | | NA | NA | NA | 21 | NA | NA | NA | 21 | NA | 19 | NA | 14 |
| **Metals** | | | | | | | | | | | | | | | | | | |
| Aluminum, Dissolved | µg/L | 50 (V) | NA | NA | NA | | NA | NA | NA | < 200 | NA | NA | NA | < 200 | NA | < 200 | NA | < 200 |
| Aluminum, Total | µg/L | 50 (V) | NA | NA | NA | | NA | NA | NA | < 200 | NA | NA | NA | < 200 | NA | **89 J** | NA | **87 J** |
| Arsenic, Total | µg/L | 10 (A) | 10 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Barium, Total | µg/L | 2,000 (A) | 670 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Calcium, Dissolved | µg/L | NA | NA | NA | NA | | NA | NA | NA | 210,000 | NA | NA | NA | 230,000 | NA | 130,000 | NA | 170,000 |
| Calcium, Total | µg/L | NA | NA | NA | NA | | NA | NA | NA | 200,000 | NA | NA | NA | 220,000 | NA | 140,000 | NA | 170,000 |
| Chromium, Total | µg/L | 100 (A) | 100 (G,X) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Cobalt, Total | µg/L | 40 | 100 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Copper, Total | µg/L | 1,000 (E) | 13 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Iron, Dissolved | µg/L | 300 (E) | NA | NA | NA | | NA | NA | NA | **5,200** | NA | NA | NA | **3,600** | **1,700** | **5,800** | NA | **1,400** |
| Iron, Total | µg/L | 300 (E) | NA | NA | NA | | NA | NA | NA | **5,800** | NA | NA | NA | **3,900** | **2,500** | **6,500** | NA | **2,200** |
| Lead, Total | µg/L | 4.0 (L) | 34 (G,X) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Magnesium, Dissolved | µg/L | 400000 | NA | NA | NA | | NA | NA | NA | 41,000 | NA | NA | NA | 38,000 | NA | 18,000 | NA | 35,000 |
| Magnesium, Total | µg/L | 400000 | NA | NA | NA | | NA | NA | NA | 40,000 | NA | NA | NA | 36,000 | NA | 20,000 | NA | 35,000 |
| Manganese, Dissolved | µg/L | 50 (E) | 2,800 (G,X) | NA | NA | | NA | NA | NA | **400** | NA | NA | NA | **220** | **210** | **330** | NA | **280** |
| Manganese, Total | µg/L | 50 (E) | 2,800 (G,X) | NA | NA | | NA | NA | NA | **390** | NA | NA | NA | **220** | **210** | **350** | NA | **350** |
| Nickel, Total | µg/L | 100 (A) | 73 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Potassium, Total | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Selenium, Total | µg/L | 50 (A) | 5.0 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sodium, Total | µg/L | 230000 (HH) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Zinc, Total | µg/L | 2400 | 170 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Other** | | | | | | | | | | | | | | | | | | |
| Hydrogen Sulfide | mg/L | NA | NA | NA | NA | | NA | NA | NA | 3.0 | NA | NA | NA | < 3.0 | NA | < 3.0 | NA | < 3.0 |
| Sulfide | mg/L | NA | NA | NA | NA | | NA | NA | NA | 2.8 J | NA | NA | NA | < 3.0 | NA | < 3.0 | NA | < 3.0 |
| **Total Organic Carbon** | | | | | | | | | | | | | | | | | | |
| Carbon, Dissolved | mg/L | NA | NA | NA | NA | | NA | NA | NA | 1.7 | NA | NA | NA | 2.1 | 4.4 | 3.4 | NA | 1.5 |
| Total Organic Carbon | mg/L | NA | NA | NA | NA | | NA | NA | NA | 1.7 | NA | NA | NA | 2.0 | 4.0 | 3.2 | NA | 1.3 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | Units: | Part 201 Residential DW Criteria[1] | Part 201 GSI Criteria[2] | EGLE Residential SSVIAC[3] | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level | Location: Onsite or Offsite: | MW-46 Onsite | MW-47 Onsite | MW-47 Onsite | MW-48 Onsite | MW-48 Onsite | MW-50 Onsite | MW-50 Onsite | MW-52 Onsite | MW-53 Onsite | MW-53 Onsite | MW-62 Onsite | MW-63 Onsite |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Screen Interval (ft bgs): | 16-21 | 16-21 | 16-21 | 17-22 | 17-22 | 16-21 | 16-21 | 15-20 | 16-21 | 16-21 | 16.3-21.3 | 7-12 |
| | | | | | | Sample Date: | 4/24/2017 | 5/12/2016 | 4/24/2017 | 5/11/2016 | 4/21/2017 | 5/11/2016 | 4/21/2017 | 5/11/2016 | 5/10/2016 | 4/24/2017 | 4/21/2017 | 4/21/2017 |
| **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 200 (A) | 89 | NA | 180 (FF) st | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | NA | 2.4 ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | NA | 840 nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | NA | 1 (M); 0.47 nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | NA | 4.7 ca | | 1.9 J | < 13 | 3.7 J | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,2,3-Trimethylbenzene | µg/L | NA | NA | NA | NA | | < 25 | < 63 | < 25 | < 5.0 | < 5.0 | < 20 | < 25 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5,000 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | NA | 5 (M); 3.8 nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | NA | 25 (JT) nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | NA | 0.2 (M); 0.00045 (MM) mut | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | NA | 0.13 ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | NA | 370 nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | NA | 1.4 ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | NA | 2.6 nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | NA | 18 (JT) nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | NA | 2.6 nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | NA | 5.9 ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| 2-Butanone (MEK) | µg/L | 13000 | 2,200 | NA | 2,600 (DD) dev | | < 50 | < 130 | < 50 | < 10 | < 10 | < 40 | < 50 | < 10 | < 10 | < 10 | < 10 | < 10,000 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | NA | 200 (FF) st | | < 50 | < 130 | < 50 | < 10 | < 10 | < 40 | < 50 | < 10 | < 10 | < 10 | < 10 | < 10,000 |
| Acetone | µg/L | 730 | 1,700 | NA | 50,000 (FF) st | | < 50 | < 130 | < 50 | < 10 | < 10 | < 40 | < 50 | < 10 | < 10 | < 10 | < 10 | < 10,000 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | NA | 1.0 ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | NA | 1.2 ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Bromoform | µg/L | 80 (A,W) | ID | NA | 89 ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | NA | 5 (M); 2.1 nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Carbon Disulfide | µg/L | 800 | ID | NA | 92 nc | | < 25 | < 63 | < 25 | < 5.0 | < 5.0 | < 20 | < 25 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5,000 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | NA | 1 (M); 0.41 ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| CFC-11 | µg/L | 2600 | NA | NA | 22 nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| CFC-12 | µg/L | 1700 | ID | NA | 13 nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Chlorobenzene | µg/L | 100 (A) | 25 | NA | 33 nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | NA | 5 (M); 0.78 (MM) mut | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Chloroethane | µg/L | 430 | 1,100 (X) | NA | 620 nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Chloroform | µg/L | 80 (A,W) | 350 | NA | 1 (M); 0.49 ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Chloromethane | µg/L | 260 | ID | NA | 15 nc | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | NA | 3.3 (J) ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Cyclohexane | µg/L | NA | NA | NA | NA | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | NA | 79 (FF) st | | < 25 | < 63 | < 25 | < 5.0 | < 5.0 | < 20 | < 25 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5,000 |
| Diethyl ether | µg/L | 10 (E) | ID | NA | 1,200 nc | | < 10 | < 25 | < 10 | < 2.0 | < 2.0 | < 8.0 | < 10 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2,000 |
| Ethylbenzene | µg/L | 74 (E) | 18 | NA | 2.8 ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Isopropylbenzene | µg/L | 800 | 28 | NA | 5 (M); 0.60 ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Methyl Acetate | µg/L | NA | NA | NA | NA | | < 50 | < 130 | < 50 | < 10 | < 10 | < 40 | < 50 | < 10 | < 10 | < 10 | < 10 | < 10,000 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | NA | 660 nc | | < 50 | < 130 | < 50 | < 10 | < 10 | < 40 | < 50 | < 10 | < 10 | < 10 | < 10 | < 10,000 |
| Methylcyclohexane | µg/L | NA | NA | NA | NA | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Methyl-tert-butyl ether | µg/L | 40 (E) | 7,100 (X) | NA | 250 ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | NA | 33 ca | | 7.9 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **13,000** |
| Toluene | µg/L | 790 (E) | 270 | NA | 300 (FF) st | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |
| Total Xylenes | µg/L | 280 (E) | 49 | NA | 75 (J) nc | | < 10 | < 25 | < 10 | < 2.0 | < 2.0 | < 8.0 | < 10 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2,000 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | NA | 3.3 (J) ca | | < 5.0 | < 13 | < 5.0 | < 1.0 | < 1.0 | < 4.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1,000 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | Units: | Part 201 Residential DW Criteria[1] | Part 201 GSI Criteria[2] | EGLE Residential SSVIAC[3] | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level | Location: Onsite or Offsite: Screen Interval (ft bgs): Sample Date: | MW-46 Onsite 16-21 4/24/2017 | MW-47 Onsite 16-21 5/12/2016 | MW-47 Onsite 16-21 4/24/2017 | MW-48 Onsite 17-22 5/11/2016 | MW-48 Onsite 17-22 4/21/2017 | MW-50 Onsite 16-21 5/11/2016 | MW-50 Onsite 16-21 4/21/2017 | MW-52 Onsite 15-20 5/11/2016 | MW-53 Onsite 16-21 5/10/2016 | MW-53 Onsite 16-21 4/24/2017 | MW-62 Onsite 16.3-21.3 4/21/2017 | MW-63 Onsite 7-12 4/21/2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Anions** | | | | | | | | | | | | | | | | | | |
| Phosphate | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfide | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Dissolved Gases** | | | | | | | | | | | | | | | | | | |
| Ethane | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Ethene | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Methane | µg/L | ID | NA | NA | 10,000 (AA) | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **General Chemistry** | | | | | | | | | | | | | | | | | | |
| Alkalinity | mg/L | NA | NA | NA | NA | | NA | 340 | NA | NA | NA | NA | NA | 350 | NA | NA | NA | NA |
| Alkalinity, Bicarbonate | mg/L | NA | NA | NA | NA | | NA | 340 | NA | NA | NA | NA | NA | 350 | NA | NA | NA | NA |
| Alkalinity, Carbonate | mg/L | NA | NA | NA | NA | | NA | < 5.0 | NA | NA | NA | NA | NA | < 5.0 | NA | NA | NA | NA |
| Bromide | mg/L | NA | NA | NA | NA | | NA | < 0.50 | NA | NA | NA | NA | NA | < 5.0 | NA | NA | NA | NA |
| Chloride | mg/L | 250 (E) | (FF) | NA | NA | | NA | **1,400** | NA | NA | NA | NA | NA | **1,400** | NA | NA | NA | NA |
| Hardness (as CaCO3) | mg/L | NA | NA | NA | NA | | NA | 550 | NA | NA | NA | NA | NA | 610 | NA | NA | NA | NA |
| Nitrate-N | mg/L | 10 (A,N) | ID | NA | NA | | NA | < 0.10 | NA | NA | NA | NA | NA | < 0.10 | NA | NA | NA | NA |
| Nitrite | mg/L | 1 (A,N) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| pH | pH units | 6.5 to 8.5 (E) | 6.5 to 9.0 | NA | NA | | NA | **7.26 J** | NA | NA | NA | NA | NA | **7.41 J** | NA | NA | NA | NA |
| Sulfate | mg/L | 250 (E) | NA | NA | NA | | NA | 160 | NA | NA | NA | NA | NA | 130 | NA | NA | NA | NA |
| Total Dissolved Solids | mg/L | 500 (E) | (EE) | NA | NA | | NA | **3,100** | NA | NA | NA | NA | NA | **2,800** | NA | NA | NA | NA |
| Total Suspended Solids | mg/L | NA | NA | NA | NA | | NA | 13 | NA | NA | NA | NA | NA | 27 | NA | NA | NA | NA |
| **Metals** | | | | | | | | | | | | | | | | | | |
| Aluminum, Dissolved | µg/L | 50 (V) | NA | NA | NA | | NA | < 200 | NA | NA | NA | NA | NA | < 200 | NA | NA | NA | NA |
| Aluminum, Total | µg/L | 50 (V) | NA | NA | NA | | NA | < 200 | NA | NA | NA | NA | NA | **150 J** | NA | NA | NA | NA |
| Arsenic, Total | µg/L | 10 (A) | 10 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Barium, Total | µg/L | 2,000 (A) | 670 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Calcium, Dissolved | µg/L | NA | NA | NA | NA | | NA | 170,000 | NA | NA | NA | NA | NA | 180,000 | NA | NA | NA | NA |
| Calcium, Total | µg/L | NA | NA | NA | NA | | NA | 160,000 | NA | NA | NA | NA | NA | 180,000 | NA | NA | NA | NA |
| Chromium, Total | µg/L | 100 (A) | 100 (G,X) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Cobalt, Total | µg/L | 40 | 100 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Copper, Total | µg/L | 1,000 (E) | 13 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Iron, Dissolved | µg/L | 300 (E) | NA | NA | NA | | NA | **2,600** | NA | NA | NA | NA | NA | **4,400** | NA | NA | NA | NA |
| Iron, Total | µg/L | 300 (E) | NA | NA | NA | | NA | **2,500** | NA | NA | NA | NA | NA | **,600** | NA | NA | NA | NA |
| Lead, Total | µg/L | 4.0 (L) | 34 (G,X) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Magnesium, Dissolved | µg/L | 400000 | NA | NA | NA | | NA | 25,000 | NA | NA | NA | NA | NA | 29,000 | NA | NA | NA | NA |
| Magnesium, Total | µg/L | 400000 | NA | NA | NA | | NA | 24,000 | NA | NA | NA | NA | NA | 28,000 | NA | NA | NA | NA |
| Manganese, Dissolved | µg/L | 50 (E) | 2,800 (G,X) | NA | NA | | NA | **310** | NA | NA | NA | NA | NA | **320** | NA | NA | NA | NA |
| Manganese, Total | µg/L | 50 (E) | 2,800 (G,X) | NA | NA | | NA | **290** | NA | NA | NA | NA | NA | **320** | NA | NA | NA | NA |
| Nickel, Total | µg/L | 100 (A) | 73 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Potassium, Total | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Selenium, Total | µg/L | 50 (A) | 5.0 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sodium, Total | µg/L | 230000 (HH) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Zinc, Total | µg/L | 2400 | 170 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Other** | | | | | | | | | | | | | | | | | | |
| Hydrogen Sulfide | mg/L | NA | NA | NA | NA | | NA | < 3.0 | NA | NA | NA | NA | NA | < 3.0 | NA | NA | NA | NA |
| Sulfide | mg/L | NA | NA | NA | NA | | NA | < 3.0 | NA | NA | NA | NA | NA | < 3.0 | NA | NA | NA | NA |
| **Total Organic Carbon** | | | | | | | | | | | | | | | | | | |
| Carbon, Dissolved | mg/L | NA | NA | NA | NA | | NA | 2.1 | NA | NA | NA | NA | NA | 3.2 | NA | NA | NA | NA |
| Total Organic Carbon | mg/L | NA | NA | NA | NA | | NA | 1.9 | NA | NA | NA | NA | NA | 3.3 | NA | NA | NA | NA |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | Units: | Part 201 Residential DW Criteria[1] | Part 201 GSI Criteria[2] | EGLE Residential SSVIAC[3] | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level | Location: Onsite or Offsite: | MW-64 Onsite | MW-67 Onsite | MW-68 Onsite | MW-69 Onsite | MW-70 Onsite | MW-71 Onsite | PW-16-01 Onsite | PW-16-01 Onsite | PW-16-01 Onsite | PW-16-01 Onsite | PW-16-01 Onsite | PW-16-01 Onsite |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Screen Interval (ft bgs): | 15-20 | 9-14 | 15-20 | 15-20 | 15-20 | 15-20 | 9.7-19.7 | 9.7-19.7 | 9.7-19.7 | 9.7-19.7 | 9.7-19.7 | 9.7-19.7 |
| | | | | | | Sample Date: | 4/24/2017 | 4/21/2017 | 4/24/2017 | 4/25/2017 | 4/24/2017 | 4/24/2017 | 5/17/2016 | 5/17/2016 | 5/17/2016 | 8/10/2016 | 8/11/2016 | 8/12/2016 |
| **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 200 (A) | 89 | NA | 180 (FF) st | | < 1.0 | 2.3 J | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | NA | 2.4 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | NA | 840 nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | NA | 1 (M); 0.47 nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | NA | 4.7 ca | | < 1.0 | < 10 | 1.6 | < 1.0 | 2.4 J | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,2,3-Trimethylbenzene | µg/L | NA | NA | NA | NA | | < 5.0 | < 50 | < 5.0 | < 5.0 | < 33 | < 5.0 | < 17 | < 500 | < 2,500 | < 2,500 | < 1,300 | < 2,500 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | NA | 5 (M); 3.8 nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | NA | 25 (JT) nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | NA | 0.2 (M); 0.00045 (MM) mut | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | NA | 0.13 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | NA | 370 nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | NA | 1.4 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | NA | 2.6 nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | NA | 18 (JT) nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | NA | 2.6 nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | NA | 5.9 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| 2-Butanone (MEK) | µg/L | 13000 | 2,200 | NA | 2,600 (DD) dev | | < 10 | < 100 | < 10 | < 10 | < 67 | < 10 | < 33 | < 1000 | < 5,000 | < 5,000 | < 2,500 | < 5,000 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | NA | 200 (FF) st | | < 10 | < 100 | < 10 | < 10 | < 67 | < 10 | < 33 | < 1000 | < 5,000 | < 5,000 | < 2,500 | < 5,000 |
| Acetone | µg/L | 730 | 1,700 | NA | 50,000 (FF) st | | < 10 | < 100 | < 10 | 4.4 J | < 67 | < 10 | < 33 | < 1000 | < 5,000 | < 5,000 | < 2,500 | < 5,000 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | NA | 1.0 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | NA | 1.2 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Bromoform | µg/L | 80 (A,W) | ID | NA | 89 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | NA | 5 (M); 2.1 nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Carbon Disulfide | µg/L | 800 | ID | NA | 92 nc | | < 5.0 | < 50 | < 5.0 | < 5.0 | < 33 | < 5.0 | < 17 | < 500 | < 2,500 | < 2,500 | < 1,300 | < 2,500 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | NA | 1 (M); 0.41 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| CFC-11 | µg/L | 2600 | NA | NA | 22 nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| CFC-12 | µg/L | 1700 | ID | NA | 13 nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Chlorobenzene | µg/L | 100 (A) | 25 | NA | 33 nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | NA | 5 (M); 0.78 (MM) mut | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Chloroethane | µg/L | 430 | 1,100 (X) | NA | 620 nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Chloroform | µg/L | 80 (A,W) | 350 | NA | 1 (M); 0.49 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Chloromethane | µg/L | 260 | ID | NA | 15 nc | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | NA | 3.3 (J) ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Cyclohexane | µg/L | NA | NA | NA | NA | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | NA | 79 (FF) st | | < 5.0 | < 50 | < 5.0 | < 5.0 | **8.9 J** | < 5.0 | < 17 | **35 J** | < 2,500 | < 2,500 | < 1,300 | < 2,500 |
| Diethyl ether | µg/L | 10 (E) | ID | NA | 1,200 nc | | < 2.0 | < 20 | < 2.0 | < 2.0 | < 13 | < 2.0 | < 6.7 | < 200 | < 1,000 | < 1,000 | < 500 | < 1,000 |
| Ethylbenzene | µg/L | 74 (E) | 18 | NA | 2.8 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Isopropylbenzene | µg/L | 800 | 28 | NA | 5 (M); 0.60 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Methyl Acetate | µg/L | NA | NA | NA | NA | | < 10 | < 100 | < 10 | < 10 | < 67 | < 10 | < 33 | < 1,000 | < 5,000 | < 5,000 | < 2,500 | < 5,000 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | NA | 660 nc | | < 10 | < 100 | < 10 | < 10 | < 67 | < 10 | < 33 | < 1,000 | < 5,000 | < 5,000 | < 2,500 | < 5,000 |
| Methylcyclohexane | µg/L | NA | NA | NA | NA | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Methyl-tert-butyl ether | µg/L | 40 (E) | 7,100 (X) | NA | 250 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | NA | 33 ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Toluene | µg/L | 790 (E) | 270 | NA | 300 (FF) st | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |
| Total Xylenes | µg/L | 280 (E) | 49 | NA | 75 (J) nc | | < 2.0 | < 20 | < 2.0 | < 2.0 | < 13 | < 2.0 | < 6.7 | < 200 | < 1,000 | < 1,000 | < 500 | < 1,000 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | NA | 3.3 (J) ca | | < 1.0 | < 10 | < 1.0 | < 1.0 | < 6.7 | < 1.0 | < 3.3 | < 100 | < 500 | < 500 | < 250 | < 500 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | Units: | Part 201 Residential DW Criteria[1] | Part 201 GSI Criteria[2] | EGLE Residential SSVIAC[3] | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level | Location: Onsite or Offsite: | MW-64 Onsite | MW-67 Onsite | MW-68 Onsite | MW-69 Onsite | MW-70 Onsite | MW-71 Onsite | PW-16-01 Onsite | PW-16-01 Onsite | PW-16-01 Onsite | PW-16-01 Onsite | PW-16-01 Onsite | PW-16-01 Onsite |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Screen Interval (ft bgs): | 15-20 | 9-14 | 15-20 | 15-20 | 15-20 | 15-20 | 9.7-19.7 | 9.7-19.7 | 9.7-19.7 | 9.7-19.7 | 9.7-19.7 | 9.7-19.7 |
| | | | | | | Sample Date: | 4/24/2017 | 4/21/2017 | 4/24/2017 | 4/25/2017 | 4/24/2017 | 4/24/2017 | 5/17/2016 | 5/17/2016 | 5/17/2016 | 8/10/2016 | 8/11/2016 | 8/12/2016 |
| **Anions** | | | | | | | | | | | | | | | | | | |
| Phosphate | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.31 | < 0.31 | 0.19 J |
| Sulfide | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | < 1.0 | < 1.0 | < 1.0 |
| **Dissolved Gases** | | | | | | | | | | | | | | | | | | |
| Ethane | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Ethene | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Methane | µg/L | ID | NA | NA | 10,000 (AA) | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **General Chemistry** | | | | | | | | | | | | | | | | | | |
| Alkalinity | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 220 | 210 | 230 |
| Alkalinity, Bicarbonate | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 220 | 210 | 230 |
| Alkalinity, Carbonate | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | < 5.0 | < 5.0 | < 5.0 |
| Bromide | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Chloride | mg/L | 250 (E) | (FF) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | **540** | **420** | **520** |
| Hardness (as CaCO3) | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Nitrate-N | mg/L | 10 (A,N) | ID | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | < 0.10 | < 0.10 | < 0.10 |
| Nitrite | mg/L | 1 (A,N) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | < 0.10 | < 0.10 | < 0.10 |
| pH | pH units | 6.5 to 8.5 (E) | 6.5 to 9.0 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfate | mg/L | 250 (E) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 94 | 92 | 96 |
| Total Dissolved Solids | mg/L | 500 (E) | (EE) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | **1,200** | **1,100** | **1,100** |
| Total Suspended Solids | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Metals** | | | | | | | | | | | | | | | | | | |
| Aluminum, Dissolved | µg/L | 50 (V) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Aluminum, Total | µg/L | 50 (V) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arsenic, Total | µg/L | 10 (A) | 10 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | **20** | **18** | **18** |
| Barium, Total | µg/L | 2,000 (A) | 670 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 300 | 250 | 260 |
| Calcium, Dissolved | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Calcium, Total | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 110,000 | 95,000 | 94,000 |
| Chromium, Total | µg/L | 100 (A) | 100 (G,X) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.5 J | 1.1 J | 0.29 J |
| Cobalt, Total | µg/L | 40 | 100 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.39 J | 0.20 J | < 20 |
| Copper, Total | µg/L | 1,000 (E) | 13 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5.6 | < 4.0 | < 4.0 |
| Iron, Dissolved | µg/L | 300 (E) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Iron, Total | µg/L | 300 (E) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | **3,200** | **2,700** | **2,600** |
| Lead, Total | µg/L | 4.0 (L) | 34 (G,X) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | < 3.0 | 2.0 J | 1.2 J |
| Magnesium, Dissolved | µg/L | 400000 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Magnesium, Total | µg/L | 400000 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 13,000 | 12,000 | 12,000 |
| Manganese, Dissolved | µg/L | 50 (E) | 2,800 (G,X) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Manganese, Total | µg/L | 50 (E) | 2,800 (G,X) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | **210** | **200** | **180** |
| Nickel, Total | µg/L | 100 (A) | 73 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | < 20 | < 20 | < 20 |
| Potassium, Total | µg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3,800 | 3,500 | 3,300 |
| Selenium, Total | µg/L | 50 (A) | 5.0 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.1 J | 0.62 J | 0.72 J |
| Sodium, Total | µg/L | 230000 (HH) | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | **340,000** | **280,000** | **290,000** |
| Zinc, Total | µg/L | 2400 | 170 (G) | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 36 J | 37 J | < 50 |
| **Other** | | | | | | | | | | | | | | | | | | |
| Hydrogen Sulfide | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfide | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Total Organic Carbon** | | | | | | | | | | | | | | | | | | |
| Carbon, Dissolved | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Total Organic Carbon | mg/L | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 4.7 | 4.7 | 4.8 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | Units: | Part 201 Residential DW Criteria[1] | Part 201 GSI Criteria[2] | EGLE Residential SSVIAC[3] | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level | Location: Onsite or Offsite: Screen Interval (ft bgs): Sample Date: | TW-16-02 Onsite 12-17 4/25/2017 |
|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | |
| 1,1,1-Trichloroethane | µg/L | 200 (A) | 89 | NA | 180 (FF) st | | < 630 |
| 1,1,2,2-Tetrachloroethane | µg/L | 8.5 | 78 (X) | NA | 2.4 ca | | < 630 |
| 1,1,2-trichloro-1,2,2-trifluoroethane | µg/L | 170,000 (S) | 32 | NA | 840 nc | | < 630 |
| 1,1,2-Trichloroethane | µg/L | 5.0 (A) | 330 (X) | NA | 1 (M); 0.47 nc | | < 630 |
| 1,1-Dichloroethane | µg/L | 880 | 740 | NA | 4.7 ca | | < 630 |
| 1,2,3-Trimethylbenzene | µg/L | NA | NA | NA | NA | | < 3,100 |
| 1,2,4-Trichlorobenzene | µg/L | 70 (A) | 99 (X) | NA | 5 (M); 3.8 nc | | < 630 |
| 1,2,4-Trimethylbenzene | µg/L | 63 (E) | 17 | NA | 25 (JT) nc | | < 630 |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.2 (A) | ID | NA | 0.2 (M); 0.00045 (MM) mut | | < 630 |
| 1,2-Dibromoethane | µg/L | 0.05 (A) | 5.7 (X) | NA | 0.13 ca | | < 630 |
| 1,2-Dichlorobenzene | µg/L | 600 (A) | 13 | NA | 370 nc | | < 630 |
| 1,2-Dichloroethane | µg/L | 5.0 (A) | 360 (X) | NA | 1.4 ca | | < 630 |
| 1,2-Dichloropropane | µg/L | 5.0 (A) | 230 (X) | NA | 2.6 nc | | < 630 |
| 1,3,5-Trimethylbenzene | µg/L | 72 (E) | 45 | NA | 18 (JT) nc | | < 630 |
| 1,3-Dichlorobenzene | µg/L | 6.6 | 28 | NA | 2.6 nc | | < 630 |
| 1,4-Dichlorobenzene | µg/L | 75 (A) | 17 | NA | 5.9 ca | | < 630 |
| 2-Butanone (MEK) | µg/L | 13000 | 2,200 | NA | 2,600 (DD) dev | | < 6,300 |
| 4-Methyl-2-Pentanone | µg/L | 1800 | ID | NA | 200 (FF) st | | < 6,300 |
| Acetone | µg/L | 730 | 1,700 | NA | 50,000 (FF) st | | < 6,300 |
| Benzene | µg/L | 5.0 (A) | 200 (X) | NA | 1.0 ca | | < 630 |
| Bromodichloromethane | µg/L | 80 (A,W) | ID | NA | 1.2 ca | | < 630 |
| Bromoform | µg/L | 80 (A,W) | ID | NA | 89 ca | | < 630 |
| Bromomethane | µg/L | 10 | 5.0 (M); 4.2 | NA | 5 (M); 2.1 nc | | < 630 |
| Carbon Disulfide | µg/L | 800 | ID | NA | 92 nc | | < 3,100 |
| Carbon Tetrachloride | µg/L | 5.0 (A) | 38 (X) | NA | 1 (M); 0.41 ca | | < 630 |
| CFC-11 | µg/L | 2600 | NA | NA | 22 nc | | < 630 |
| CFC-12 | µg/L | 1700 | ID | NA | 13 nc | | < 630 |
| Chlorobenzene | µg/L | 100 (A) | 25 | NA | 33 nc | | < 630 |
| Chlorodibromomethane | µg/L | 80 (A,W) | ID | NA | 5 (M); 0.78 (MM) mut | | < 630 |
| Chloroethane | µg/L | 430 | 1,100 (X) | NA | 620 nc | | < 630 |
| Chloroform | µg/L | 80 (A,W) | 350 | NA | 1 (M); 0.49 ca | | < 630 |
| Chloromethane | µg/L | 260 | ID | NA | 15 nc | | < 630 |
| cis-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | NA | 3.3 (J) ca | | < 630 |
| Cyclohexane | µg/L | NA | NA | NA | NA | | < 630 |
| Dichloromethane | µg/L | 5.0 (A) | 1,500 (X) | NA | 79 (FF) st | | < 3,100 |
| Diethyl ether | µg/L | 10 (E) | ID | NA | 1,200 nc | | < 1,300 |
| Ethylbenzene | µg/L | 74 (E) | 18 | NA | 2.8 ca | | < 630 |
| Isopropylbenzene | µg/L | 800 | 28 | NA | 5 (M); 0.60 ca | | < 630 |
| Methyl Acetate | µg/L | NA | NA | NA | NA | | < 6,300 |
| Methyl N-Butyl Ketone (2-Hexanone) | µg/L | 1000 | ID | NA | 660 nc | | < 6,300 |
| Methylcyclohexane | µg/L | NA | NA | NA | NA | | < 630 |
| Methyl-tert-butyl ether | µg/L | 40 (E) | 7,100 (X) | NA | 250 ca | | < 630 |
| Styrene (Monomer) | µg/L | 100 (A) | 80 (X) | NA | 33 ca | | < 630 |
| Toluene | µg/L | 790 (E) | 270 | NA | 300 (FF) st | | < 630 |
| Total Xylenes | µg/L | 280 (E) | 49 | NA | 75 (J) nc | | < 1,300 |
| trans-1,3-Dichloropropene | µg/L | 8.5 | 9.0 (X) | NA | 3.3 (J) ca | | < 630 |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | Units: | Part 201 Residential DW Criteria[1] | Part 201 GSI Criteria[2] | EGLE Residential SSVIAC[3] | EGLE Guidance For VIAP Residential Shallow Groundwater Screening Level | Location: Onsite or Offsite: Screen Interval (ft bgs): Sample Date: | TW-16-02 Onsite 12-17 4/25/2017 |
|---|---|---|---|---|---|---|---|
| **Anions** | | | | | | | |
| Phosphate | mg/L | NA | NA | NA | NA | | NA |
| Sulfide | mg/L | NA | NA | NA | NA | | NA |
| **Dissolved Gases** | | | | | | | |
| Ethane | µg/L | NA | NA | NA | NA | | NA |
| Ethene | µg/L | NA | NA | NA | NA | | NA |
| Methane | µg/L | ID | NA | NA | 10,000 (AA) | | NA |
| **General Chemistry** | | | | | | | |
| Alkalinity | mg/L | NA | NA | NA | NA | | NA |
| Alkalinity, Bicarbonate | mg/L | NA | NA | NA | NA | | NA |
| Alkalinity, Carbonate | mg/L | NA | NA | NA | NA | | NA |
| Bromide | mg/L | NA | NA | NA | NA | | NA |
| Chloride | mg/L | 250 (E) | (FF) | NA | NA | | NA |
| Hardness (as CaCO3) | mg/L | NA | NA | NA | NA | | NA |
| Nitrate-N | mg/L | 10 (A,N) | ID | NA | NA | | NA |
| Nitrite | mg/L | 1 (A,N) | NA | NA | NA | | NA |
| pH | pH units | 6.5 to 8.5 (E) | 6.5 to 9.0 | NA | NA | | NA |
| Sulfate | mg/L | 250 (E) | NA | NA | NA | | NA |
| Total Dissolved Solids | mg/L | 500 (E) | (EE) | NA | NA | | NA |
| Total Suspended Solids | mg/L | NA | NA | NA | NA | | NA |
| **Metals** | | | | | | | |
| Aluminum, Dissolved | µg/L | 50 (V) | NA | NA | NA | | NA |
| Aluminum, Total | µg/L | 50 (V) | NA | NA | NA | | NA |
| Arsenic, Total | µg/L | 10 (A) | 10 | NA | NA | | NA |
| Barium, Total | µg/L | 2,000 (A) | 670 (G) | NA | NA | | NA |
| Calcium, Dissolved | µg/L | NA | NA | NA | NA | | NA |
| Calcium, Total | µg/L | NA | NA | NA | NA | | NA |
| Chromium, Total | µg/L | 100 (A) | 100 (G,X) | NA | NA | | NA |
| Cobalt, Total | µg/L | 40 | 100 | NA | NA | | NA |
| Copper, Total | µg/L | 1,000 (E) | 13 (G) | NA | NA | | NA |
| Iron, Dissolved | µg/L | 300 (E) | NA | NA | NA | | NA |
| Iron, Total | µg/L | 300 (E) | NA | NA | NA | | NA |
| Lead, Total | µg/L | 4.0 (L) | 34 (G,X) | NA | NA | | NA |
| Magnesium, Dissolved | µg/L | 400000 | NA | NA | NA | | NA |
| Magnesium, Total | µg/L | 400000 | NA | NA | NA | | NA |
| Manganese, Dissolved | µg/L | 50 (E) | 2,800 (G,X) | NA | NA | | NA |
| Manganese, Total | µg/L | 50 (E) | 2,800 (G,X) | NA | NA | | NA |
| Nickel, Total | µg/L | 100 (A) | 73 (G) | NA | NA | | NA |
| Potassium, Total | µg/L | NA | NA | NA | NA | | NA |
| Selenium, Total | µg/L | 50 (A) | 5.0 | NA | NA | | NA |
| Sodium, Total | µg/L | 230000 (HH) | NA | NA | NA | | NA |
| Zinc, Total | µg/L | 2400 | 170 (G) | NA | NA | | NA |
| **Other** | | | | | | | |
| Hydrogen Sulfide | mg/L | NA | NA | NA | NA | | NA |
| Sulfide | mg/L | NA | NA | NA | NA | | NA |
| **Total Organic Carbon** | | | | | | | |
| Carbon, Dissolved | mg/L | NA | NA | NA | NA | | NA |
| Total Organic Carbon | mg/L | NA | NA | NA | NA | | NA |

See Notes on Last Page.

**Table 2**
**Groundwater Monitoring Well Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

**Notes:**
All concentrations are micrograms per liter (µg/L) or milligrams per liter (mg/L).
Field duplicate results are shown in square brackets [ ].

| | |
|---|---|
| < | Analyte was not detected above the laboratory reporting limit. |
| (1) | Result compared to October 2023 updated EGLE Part 201 generic cleanup criteria for Residential Drinking Water (DW). |
| (2) | Result compared to October 2023 updated EGLE Part 201 generic cleanup criteria for Groundwater Surface water Interface (GSI). |
| (3) | Result compared to October 30, 2018 EGLE provided unrestricted residential Site-Specific Volatilization to Indoor Air Criteria (SSVIAC) that apply to a residential house with a basement, the depth to groundwater submitted for this site (5 feet), and a USDA soil type of sanc |

| | |
|---|---|
| **Bold** | Detected result exceeds the Residential Drinking Water (DW) Criteria. |
| Outlined | Detected result exceeds the Groundwater-Surface Water Interface (GSI) Criteria. |
| Shaded | Detected result exceeds the Site-specific or generic Residential Volatilization to Indoor Air Criteria (VIAC) for Groundwater in Contact (GWIC). |

**Abbreviations and Data Qualifiers:**

| | |
|---|---|
| B | analyte considered non-detect at the listed value due to associated blank contamination |
| EGLE | Michigan Department of Environment, Great Lakes, and Energy |
| ft bgs | feet below ground surface |
| GSI | Groundwater-Surface Water Interface |
| J (data) | estimated result |
| µg/L | micrograms per liter |
| NA / -- | not analyzed/not available |
| VIAC | Volatilization to Indoor Air Criteria |
| VIAP | Volatilization to Indoor Air Pathway |
| + | LCS and/or LCSD is outside acceptance limits, high biased. |
| F | matrix spike (MS) and/or matrix spike duplicate (MSD) recovery exceeds control limits |

1,4-Dioxane data has either S or V denoting it was analyzed under SVOC method (S) or VOC method (V)

**Criteria Footnotes**

| | |
|---|---|
| A | Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005. |
| E | Criterion is the aesthetic drinking water value, as required by Section 20120a(5) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). |
| G | Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. The default value of 150 mg/L hardness for the southern Lower Peninsula was used. |
| J | Hazardous substance may be present in several isomer forms. Isomer-specific concentrations must be added together for comparison to criteria. |
| JT | Hazardous substance may be present in several isomer forms. The VIAP screening level may be used for the individual isomer provided that it is the sole isomer detected; however, when multiple isomers are detected in a medium, the isomer-specific concentrations must be added together and compared to the most restrictive VIAP screening level of the detected isomers. |
| L | Criteria for lead are derived using a biologically based model, as allowed for under Section 20120a(9) of the NREPA and are not calculated using the algorithms and assumptions specified in pathway-specific rules. |
| M | Calculated criterion is below the analytical target detection limit (TDL). In accordance with Sec. 20120a(10) when the TDL for a hazardous substance is greater than the criterion, the TDL is used to evaluate the risk posed from the pathway. |
| N | The concentrations of all potential sources of nitrate-nitrogen (e.g., ammonia-N, nitrite-N, nitrate-N) in groundwater that is used as a source of drinking water shall not, when added together, exceed the nitrate drinking water criterion of 10 mg/L. |
| S | Criterion defaults to the hazardous substance-specific water solubility limit. |
| V | Criterion is the aesthetic drinking water value as required by Section 20120(a)(5) of the NREPA. Concentrations up to 200 µg/L may be acceptable, and still allow for drinking water use, as part of a site-specific cleanup under Section 20120a(2) and 20120b of the NREPA. |
| W | Concentrations of trihalomethanes in groundwater shall be added together to determine compliance with the Michigan drinking water standard of 80 µg/L. |
| X | The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source. |
| DD | Hazardous substance causes developmental effects. Residential VIAP screening levels are protective of both prenatalexposure using a pregnant female receptor and postnatal exposure using a child receptor. |
| EE | If TDS data are not available, the TDS criterion may be used a screening level for the sum of the concentrations of the following substances: calcium, chlorides, iron, magnesium, potassium, sodium, sulfate. |
| FF | The AAC for the volatile hazardous substances are based on toxicity values that have been identified to have the potential to cause adverse human health effects for less than chronic exposures (i.e. short-term or acute). The short-term exposure for shallow groundwater VIAP screening levels are based on modification of the standard equations by the department to develop applicable shallow groundwater VIAP screening levels. |
| HH | The residential criterion for sodium is 230,000 µg/L in accordance with the Sodium Advisory Council recommendation and revised Groundwater Discharge Standards. |
| MM | Hazardous substance is a carcinogen with a mutagenic mode of action. The cancer potency values used in calculating VIAP screening levels are modified using age-dependent adjustment factors for those carcinogenic chemicals identified as mutagenic. |
| II | The residential drinking water criterion for 1,4-dioxane is not calculated using the equations of R 299.10 or the toxicological and chemical-physical data as shown in Table 4 of R 299.50. The drinking water criterion is calculated using the United States Environmental Protection Agency's (U.S. EPA) "Toxicological Review of 1,4-Dioxane," EPA/635/R-11/003F, September 2013, and the department's residential exposure algorithms to protect both children and adults from unsafe levels of the chemical. |
| ID | Insufficient data to develop criterion. |
| NA | A criterion or value is not available or, in the case of background and CAS numbers, not applicable. |

Acceptable Air Values (AAV) endpoint basis used for the VIAP screening levels:

| | |
|---|---|
| ca | Carcinogenetic |
| dev | Developmental |
| mut | Mutagenic cancer |
| nc | Non-Carcinogenetic |
| st | Short-term (i.e., less than chronic exposure) |

See Notes on Last Page.

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-15-61D | 670.03 | 88.0-93.0 | 01/07/16 | NP | 76.49 | 93.00 | NA | NA | 593.54 | 593.54 |
| | | | 01/08/16 | NP | 88.02 | 93.00 | NA | NA | 582.01 | 582.01 |
| | | | 01/19/16 | NP | 73.23 | 93.00 | NA | NA | 596.80 | 596.80 |
| | | | 01/20/16 | NP | 89.31 | 93.00 | NA | NA | 580.72 | 580.72 |
| | | | 01/26/16 | NP | 84.09 | 93.00 | NA | NA | 585.94 | 585.94 |
| | | | 01/27/16 | NP | 82.42 | 93.00 | NA | NA | 587.61 | 587.61 |
| | | | 01/28/16 | NP | 80.71 | 93.00 | NA | NA | 589.32 | 589.32 |
| | | | 04/19/17 | NP | 24.71 | 93.87 | NA | NA | 645.32 | 645.32 |
| | | | 07/24/17 | NP | 24.74 | 94.09 | NA | NA | 645.29 | 645.29 |
| | | | 11/06/17 | NP | 26.58 | 94.72 | NA | NA | 643.45 | 643.45 |
| | | | 02/06/18 | NP | 25.79 | 94.71 | NA | NA | 644.24 | 644.24 |
| | | | 05/07/18 | NP | 25.63 | 94.24 | NA | NA | 644.40 | 644.40 |
| | | | 08/16/18 | NP | 56.16 | NM | NA | NA | 613.87 | 613.87 |
| | | | 11/19/18 | NP | 36.37 | NM | NA | NA | 633.66 | 633.66 |
| | | | 03/02/19 | NP | 21.90 | 92.85 | NA | NA | 648.13 | 648.13 |
| | | | 06/14/19 | Could Not Access; high traffic roadway | | | | | | |
| | | | 09/28/19 | NP | 24.7 | 94.59 | NA | NA | 645.33 | 645.33 |
| | | | 11/04/19 | Could Not Access; high traffic roadway | | | | | | |
| | | | 02/05/20 | | | | | | | |
| | | | 05/18/20 | | | | | | | |
| | | | 08/17/20 | | | | | | | |
| | | | 11/20/20 | | | | | | | |
| | | | 02/08/21 | | | | | | | |
| | | | 05/03/21 | NP | 25.26 | 94.00 | NA | NA | 644.77 | 644.77 |
| | | | 08/17/21 | Could Not Access; high traffic roadway | | | | | | |
| | | | 12/07/21 | NP | 33.22 | 94.00 | NA | NA | 636.81 | 636.81 |
| | | | 02/14/22 | NP | 25.11 | 93.95 | NA | NA | 644.92 | 644.92 |
| | | | 02/14/22 | NP | 24.38 | 93.90 | NA | NA | 645.65 | 645.65 |
| | | | 05/12/22 | NP | 24.38 | 93.90 | NA | NA | 645.65 | 645.65 |
| | | | 08/11/22 | NP | 24.54 | 93.61 | NA | NA | 645.49 | 645.49 |
| | | | 11/10/22 | NP | 24.91 | 93.62 | NA | NA | 645.12 | 645.12 |
| | | | 02/21/23 | NP | 24.81 | 93.63 | NA | NA | 645.22 | 645.22 |
| | | | 05/10/23 | NP | 24.49 | 93.62 | NA | NA | 645.54 | 645.54 |
| | | | 08/02/23 | NP | 24.56 | 93.61 | NA | NA | 645.47 | 645.47 |
| | | | 10/31/23 | NP | 24.83 | 93.46 | NA | NA | 645.20 | 645.20 |
| | | | 02/20/24 | NP | 24.69 | 92.90 | NA | NA | 645.34 | 645.34 |
| | | | 05/07/24 | NP | 24.12 | 92.84 | NA | NA | 645.91 | 645.91 |
| | | | 07/30/24 | NP | 24.18 | 92.83 | NA | NA | 645.85 | 645.85 |
| | | | 11/05/24 | NP | 24.53 | 92.82 | NA | NA | 645.50 | 645.50 |
| | | | 02/11/25 | NP | 24.64 | 92.80 | NA | NA | 645.39 | 645.39 |
| | | | 04/29/25 | NP | 24.18 | 92.83 | NA | NA | 645.85 | 645.85 |
| MW-30 | 670.70 | 19.0-24.0 | 05/09/16 | NP | 9.37 | 24.82 | NA | NA | 661.33 | 661.33 |
| | | | 04/17/17 | NP | 9.86 | 24.78 | NA | NA | 660.84 | 660.84 |
| | | | 07/24/17 | NP | 9.93 | 24.73 | NA | NA | 660.77 | 660.77 |
| | | | 11/06/17 | NP | 10.47 | 24.84 | NA | NA | 660.23 | 660.23 |
| | | | 02/05/18 | NP | 10.31 | 24.69 | NA | NA | 660.39 | 660.39 |
| | | | 05/07/18 | NP | 9.03 | 24.70 | NA | NA | 661.67 | 661.67 |
| | | | 08/16/18 | NP | 9.51 | NM | NA | NA | 661.19 | 661.19 |
| | | | 11/19/18 | NP | 9.23 | NM | NA | NA | 661.47 | 661.47 |
| | | | 02/22/19 | NP | 9.45 | 24.91 | NA | NA | 661.25 | 661.25 |
| | | | 06/14/19 | NP | 8.5 | 24.74 | NA | NA | 662.20 | 662.20 |
| | | | 09/26/19 | NP | 9.81 | 24.65 | NA | NA | 660.89 | 660.89 |
| | | | 11/04/19 | NP | 10.01 | 24.71 | NA | NA | 660.69 | 660.69 |
| | | | 02/05/20 | NP | 9.47 | NM | NA | NA | 661.23 | 661.23 |
| | | | 05/18/20 | NP | 9.38 | NM | NA | NA | 661.32 | 661.32 |
| | | | 08/17/20 | NP | 9.74 | NM | NA | NA | 660.96 | 660.96 |
| | | | 11/20/20 | NP | 10.37 | NM[5] | NA | NA | 660.33 | 660.33 |
| | | | 12/17/20 | NP | 10.43 | 24.70 | NA | NA | 660.27 | 660.27 |
| | | | 02/08/21 | NP | 10.42 | 24.72 | NA | NA | 660.28 | 660.28 |
| | | | 03/23/21 | NP | 10.62 | NM | NA | NA | 660.08 | 660.08 |
| | | | 05/03/21 | NP | 10.35 | 24.75 | NA | NA | 660.35 | 660.35 |
| | | | 08/17/21 | NP | 9.23 | 24.69 | NA | NA | 661.47 | 661.47 |
| | | | 12/07/21 | NP | 9.25 | 24.69 | NA | NA | 661.45 | 661.45 |
| | | | 02/14/22 | NP | 9.35 | 24.70 | NA | NA | 661.35 | 661.35 |
| | | | 05/12/22 | NP | 8.78 | 24.74 | NA | NA | 661.92 | 661.92 |
| | | | 08/11/22 | NP | 9.48 | 24.74 | NA | NA | 661.22 | 661.22 |
| | | | 11/10/22 | NP | 10.61 | 24.71 | NA | NA | 660.09 | 660.09 |
| | | | 02/21/23 | NP | 10.69 | 24.71 | NA | NA | 660.01 | 660.01 |
| | | | 05/10/23 | NP | 9.52 | 24.73 | NA | NA | 661.18 | 661.18 |
| | | | 08/02/23 | NP | 9.69 | 24.73 | NA | NA | 661.01 | 661.01 |
| | | | 10/31/23 | NP | 10.37 | 24.65 | NA | NA | 660.33 | 660.33 |
| | | | 02/20/24 | NP | 9.86 | 24.74 | NA | NA | 660.84 | 660.84 |
| | | | 05/07/24 | NP | 9.35 | 24.69 | NA | NA | 661.35 | 661.35 |
| | | | 07/30/24 | NP | 9.08 | 24.71 | NA | NA | 661.62 | 661.62 |
| | | | 11/05/24 | NP | 10.22 | 24.72 | NA | NA | 660.48 | 660.48 |
| | | | 02/11/25 | NP | 10.61 | 24.68 | NA | NA | 660.09 | 660.09 |
| | | | 04/29/25 | NP | 9.83 | 24.68 | NA | NA | 660.87 | 660.87 |
| MW-31 | 670.82 | 17.0-22.0 | 05/09/16 | NP | 9.96 | 21.75 | NA | NA | 660.86 | 660.86 |
| | | | 04/17/17 | NP | 10.13 | 21.78 | NA | NA | 660.69 | 660.69 |
| | | | 07/24/17 | NP | 10.19 | 21.69 | NA | NA | 660.63 | 660.63 |
| | | | 11/06/17 | NP | 10.65 | 21.92 | NA | NA | 660.17 | 660.17 |
| | | | 02/05/18 | NP | 10.7 | 21.48 | NA | NA | 660.12 | 660.12 |
| | | | 05/07/18 | NP | 9.23 | 21.67 | NA | NA | 661.59 | 661.59 |
| | | | 08/16/18 | NP | 9.58 | NM | NA | NA | 661.24 | 661.24 |
| | | | 11/19/18 | NP | 9.31 | NM | NA | NA | 661.51 | 661.51 |
| | | | 02/22/19 | NP | 9.69 | 21.66 | NA | NA | 661.13 | 661.13 |
| | | | 06/14/19 | NP | 8.58 | 21.68 | NA | NA | 662.24 | 662.24 |
| | | | 09/26/19 | NP | 9.84 | 21.68 | NA | NA | 660.98 | 660.98 |
| | | | 11/04/19 | NP | 9.91 | 21.70 | NA | NA | 660.91 | 660.91 |
| | | | 02/05/20 | NP | 9.5 | NM | NA | NA | 661.32 | 661.32 |
| | | | 05/18/20 | NP | 9.61 | 21.68 | NA | NA | 661.21 | 661.21 |
| | | | 08/17/20 | NP | 9.77 | NM | NA | NA | 661.05 | 661.05 |
| | | | 11/20/20 | NP | 10.42 | NM[5] | NA | NA | 660.40 | 660.40 |
| | | | 12/17/20 | NP | 10.43 | 21.69 | NA | NA | 660.39 | 660.39 |
| | | | 02/08/21 | NP | 10.76 | 21.43 | NA | NA | 660.06 | 660.06 |
| | | | 03/23/21 | NP | 10.88 | NM | NA | NA | 659.94 | 659.94 |
| | | | 05/03/21 | NP | 10.63 | 21.69 | NA | NA | 660.19 | 660.19 |
| | | | 08/17/21 | NP | 9.53 | 21.67 | NA | NA | 661.29 | 661.29 |
| | | | 12/07/21 | NP | 9.53 | 21.65 | NA | NA | 661.29 | 661.29 |
| | | | 02/14/22 | NP | 9.27 | 21.68 | NA | NA | 661.55 | 661.55 |
| | | | 05/12/22 | NP | 9.15 | 21.68 | NA | NA | 661.67 | 661.67 |
| | | | 08/11/22 | NP | 9.72 | 21.39 | NA | NA | 661.10 | 661.10 |
| | | | 11/10/22 | NP | 10.83 | 21.39 | NA | NA | 659.99 | 659.99 |
| | | | 02/21/23 | NP | 11.05 | 21.37 | NA | NA | 659.77 | 659.77 |
| | | | 05/10/23 | NP | 9.85 | 21.68 | NA | NA | 660.97 | 660.97 |
| | | | 08/02/23 | NP | 9.92 | 21.67 | NA | NA | 660.90 | 660.90 |
| | | | 10/31/23 | NP | 10.69 | 21.70 | NA | NA | 660.13 | 660.13 |
| | | | 02/20/24 | NP | 10.72 | 21.70 | NA | NA | 660.10 | 660.10 |
| | | | 05/07/24 | NP | 9.82 | 21.63 | NA | NA | 661.00 | 661.00 |
| | | | 07/30/24 | NP | 9.41 | 21.50 | NA | NA | 661.41 | 661.41 |
| | | | 11/05/24 | NP | 10.52 | 21.67 | NA | NA | 660.30 | 660.30 |
| | | | 02/11/25 | NP | 11.08 | 21.64 | NA | NA | 659.74 | 659.74 |
| | | | 04/29/25 | NP | 10.43 | 21.64 | NA | NA | 660.39 | 660.39 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-32 | 670.43 | 18.0-23.0 | 05/09/16 | NP | 9.64 | 22.92 | NA | NA | 660.79 | 660.79 |
| | | | 04/17/17 | NP | 9.52 | 22.91 | NA | NA | 660.91 | 660.91 |
| | | | 07/24/17 | NP | 9.71 | 22.71 | NA | NA | 660.72 | 660.72 |
| | | | 11/06/17 | NP | 10.18 | 23.03 | NA | NA | 660.25 | 660.25 |
| | | | 02/05/18 | NP | 10.17 | 22.78 | NA | NA | 660.26 | 660.26 |
| | | | 05/07/18 | NP | 8.73 | 22.83 | NA | NA | 661.70 | 661.70 |
| | | | 08/16/18 | NP | 9.07 | NM | NA | NA | 661.36 | 661.36 |
| | | | 11/19/18 | NP | 8.72 | NM | NA | NA | 661.71 | 661.71 |
| | | | 02/22/19 | NP | 9.19 | 19.93 | NA | NA | 661.24 | 661.24 |
| | | | 06/14/19 | NP | 8 | 22.73 | NA | NA | 662.43 | 662.43 |
| | | | 09/26/19 | NP | 9.26 | 22.84 | NA | NA | 661.17 | 661.17 |
| | | | 11/04/19 | NP | 9.32 | 22.84 | NA | NA | 661.11 | 661.11 |
| | | | 02/05/20 | NP | 8.79 | NM | NA | NA | 661.64 | 661.64 |
| | | | 05/18/20 | NP | 8.99 | 22.82 | NA | NA | 661.44 | 661.44 |
| MW-32 | 670.43 | 18.0-23.0 | 08/17/20 | NP | 9.15 | 22.72 | NA | NA | 661.28 | 661.28 |
| | | | 11/20/20 | NP | 9.8 | NM[5] | NA | NA | 660.63 | 660.63 |
| | | | 12/17/20 | NP | 9.89 | 22.73 | NA | NA | 660.54 | 660.54 |
| | | | 02/08/21 | NP | 10.18 | 22.73 | NA | NA | 660.25 | 660.25 |
| | | | 05/03/21 | NP | 10.08 | 22.84 | NA | NA | 660.35 | 660.35 |
| | | | 08/17/21 | NP | 9.49 | 22.64 | NA | NA | 660.94 | 660.94 |
| | | | 12/07/21 | NP | 9.07 | 22.82 | NA | NA | 661.36 | 661.36 |
| | | | 02/14/22 | NP | 9.05 | 22.86 | NA | NA | 661.38 | 661.38 |
| | | | 05/12/22 | NP | 8.68 | 22.84 | NA | NA | 661.75 | 661.75 |
| | | | 08/11/22 | NP | 9.12 | 22.82 | NA | NA | 661.31 | 661.31 |
| | | | 11/10/22 | NP | 10.22 | 22.69 | NA | NA | 660.21 | 660.21 |
| | | | 02/21/23 | NP | 10.51 | 22.75 | NA | NA | 659.92 | 659.92 |
| | | | 05/10/23 | NP | 9.32 | 22.72 | NA | NA | 661.11 | 661.11 |
| | | | 08/02/23 | NP | 9.35 | 22.71 | NA | NA | 661.08 | 661.08 |
| | | | 10/31/23 | NP | 10.12 | 22.88 | NA | NA | 660.31 | 660.31 |
| | | | 02/20/24 | NP | 9.62 | 22.85 | NA | NA | 660.81 | 660.81 |
| | | | 05/07/24 | NP | 9.25 | 22.81 | NA | NA | 661.18 | 661.18 |
| | | | 07/30/24 | NP | 8.82 | 22.81 | NA | NA | 661.61 | 661.61 |
| | | | 11/05/24 | NP | 9.83 | 22.82 | NA | NA | 660.60 | 660.60 |
| | | | 02/11/25 | NP | 10.58 | 22.82 | NA | NA | 659.85 | 659.85 |
| | | | 04/29/25 | NP | 9.83 | 22.82 | NA | NA | 660.60 | 660.60 |
| MW-33 | 669.94 | 14.0-19.0 | 05/09/16 | NP | 8.68 | 18.76 | NA | NA | 661.26 | 661.26 |
| | | | 04/17/17 | NP | 8.76 | 18.75 | NA | NA | 661.18 | 661.18 |
| | | | 07/24/17 | NP | 8.84 | 19.72 | NA | NA | 661.10 | 661.10 |
| | | | 11/06/17 | NP | 8.58 | 19.08 | NA | NA | 661.36 | 661.36 |
| | | | 02/05/18 | NP | 8.63 | 18.74 | NA | NA | 661.31 | 661.31 |
| | | | 05/07/18 | NP | 7.34 | 18.66 | NA | NA | 662.60 | 662.60 |
| | | | 08/16/18 | NP | 7.59 | NM | NA | NA | 662.35 | 662.35 |
| | | | 11/19/18 | NP | 7.33 | NM | NA | NA | 662.61 | 662.61 |
| | | | 02/22/19 | NP | 7.95 | 18.83 | NA | NA | 661.99 | 661.99 |
| | | | 06/14/19 | NP | 6.9 | 18.69 | NA | NA | 663.04 | 663.04 |
| | | | 09/26/19 | NP | 8 | 18.41 | NA | NA | 661.94 | 661.94 |
| | | | 11/04/19 | NP | 7.93 | 18.71 | NA | NA | 662.01 | 662.01 |
| | | | 02/05/20 | NP | 7.62 | NM | NA | NA | 662.32 | 662.32 |
| | | | 02/05/20 | NP | 7.62 | NM | NA | NA | 662.32 | 662.32 |
| | | | 05/18/20 | NP | 7.92 | 18.67 | NA | NA | 662.02 | 662.02 |
| | | | 08/17/20 | NP | 7.95 | NM | NA | NA | 661.99 | 661.99 |
| | | | 11/20/20 | NP | 8.54 | NM[5] | NA | NA | 661.40 | 661.40 |
| | | | 12/17/20 | NP | 8.6 | 18.72 | NA | NA | 661.34 | 661.34 |
| | | | 02/08/21 | NP | 8.94 | 18.70 | NA | NA | 661.00 | 661.00 |
| | | | 03/23/21 | NP | 9.09 | NM | NA | NA | 660.85 | 660.85 |
| | | | 05/03/21 | NP | 8.88 | 18.69 | NA | NA | 661.06 | 661.06 |
| | | | 08/17/21 | NP | 7.7 | 18.68 | NA | NA | 662.24 | 662.24 |
| | | | 12/07/21 | NP | 7.61 | 18.68 | NA | NA | 662.33 | 662.33 |
| | | | 02/14/22 | NP | 7.98 | 18.69 | NA | NA | 661.96 | 661.96 |
| | | | 05/12/22 | NP | 6.95 | 18.70 | NA | NA | 662.99 | 662.99 |
| | | | 08/11/22 | NP | 7.25 | 18.40 | NA | NA | 662.69 | 662.69 |
| | | | 11/10/22 | NP | 8.4 | 18.39 | NA | NA | 661.54 | 661.54 |
| | | | 02/21/23 | NP | 8.45 | 18.42 | NA | NA | 661.49 | 661.49 |
| | | | 05/10/23 | NP | 7.29 | 18.69 | NA | NA | 662.65 | 662.65 |
| | | | 08/02/23 | NP | 7.33 | 18.69 | NA | NA | 662.61 | 662.61 |
| | | | 10/31/23 | NP | 8.14 | 18.44 | NA | NA | 661.80 | 661.80 |
| | | | 02/20/24 | NP | 7.58 | 18.65 | NA | NA | 662.36 | 662.36 |
| | | | 05/07/24 | NP | 7.12 | 18.66 | NA | NA | 662.82 | 662.82 |
| | | | 07/30/24 | NP | 6.85 | 18.68 | NA | NA | 663.09 | 663.09 |
| | | | 11/05/24 | NP | 7.94 | 18.68 | NA | NA | 662.00 | 662.00 |
| | | | 02/11/25 | NP | 8.45 | 18.68 | NA | NA | 661.49 | 661.49 |
| | | | 04/29/25 | NP | 7.95 | 18.67 | NA | NA | 661.99 | 661.99 |
| MW-34 | 670.49 | 16.5-21.5 | 05/09/16 | NP | 7.98 | 21.21 | NA | NA | 662.51 | 662.51 |
| | | | 04/17/17 | NP | 8.83 | 21.30 | NA | NA | 661.66 | 661.66 |
| | | | 07/24/17 | NP | 9.45 | 21.23 | NA | NA | 661.04 | 661.04 |
| | | | 11/06/17 | NP | 10.02 | 21.65 | NA | NA | 660.47 | 660.47 |
| | | | 02/05/18 | NP | 9.73 | 21.35 | NA | NA | 660.76 | 660.76 |
| | | | 05/07/18 | NP | 8.34 | 21.26 | NA | NA | 662.15 | 662.15 |
| | | | 08/16/18 | NP | 9.18 | NM | NA | NA | 661.31 | 661.31 |
| | | | 11/19/18 | NP | 8.79 | NM | NA | NA | 661.70 | 661.70 |
| | | | 02/22/19 | NP | 9.18 | 20.20 | NA | NA | 661.31 | 661.31 |
| | | | 06/14/19 | NP | 7.95 | 21.26 | NA | NA | 662.54 | 662.54 |
| | | | 09/26/19 | NP | 9.39 | 21.28 | NA | NA | 661.10 | 661.10 |
| | | | 11/04/19 | NP | 9.32 | 20.27[2] | NA | NA | 661.17 | 661.17 |
| | | | 02/05/20 | NP | 9.05 | NM | NA | NA | 661.44 | 661.44 |
| | | | 05/18/20 | NP | 8.79 | 21.26 | NA | NA | 661.70 | 661.70 |
| | | | 08/17/20 | NP | 9.31 | NM | NA | NA | 661.18 | 661.18 |
| | | | 11/20/20 | NP | 9.93 | NM[5] | NA | NA | 660.56 | 660.56 |
| | | | 12/17/20 | NP | 9.85 | 21.30 | NA | NA | 660.64 | 660.64 |
| | | | 02/08/21 | NP | 9.97 | 21.29 | NA | NA | 660.52 | 660.52 |
| | | | 03/23/21 | NP | 9.88 | NM | NA | NA | 660.61 | 660.61 |
| | | | 05/03/21 | NP | 9.63 | 21.28 | NA | NA | 660.86 | 660.86 |
| | | | 08/17/21 | NP | 8.64 | 21.25 | NA | NA | 661.85 | 661.85 |
| | | | 12/07/21 | NP | 8.42 | 21.28 | NA | NA | 662.07 | 662.07 |
| | | | 02/14/22 | NP | 8.91 | 21.28 | NA | NA | 661.58 | 661.58 |
| | | | 05/12/22 | NP | 7.9 | 21.27 | NA | NA | 662.59 | 662.59 |
| | | | 08/11/22 | NP | 8.86 | 21.34 | NA | NA | 661.63 | 661.63 |
| | | | 11/10/22 | NP | 10.01 | 21.32 | NA | NA | 660.48 | 660.48 |
| | | | 02/21/23 | NP | 9.79 | 21.29 | NA | NA | 660.70 | 660.70 |
| | | | 05/10/23 | NP | 8.6 | 21.28 | NA | NA | 661.89 | 661.89 |
| | | | 08/02/23 | NP | 9.09 | 21.25 | NA | NA | 661.40 | 661.40 |
| | | | 10/31/23 | NP | 9.77 | 21.30 | NA | NA | 660.72 | 660.72 |
| | | | 02/20/24 | NP | 9.3 | 21.28 | NA | NA | 661.19 | 661.19 |
| | | | 05/07/24 | NP | 8.41 | 21.24 | NA | NA | 662.08 | 662.08 |
| | | | 07/30/24 | NP | 8.51 | 21.23 | NA | NA | 661.98 | 661.98 |
| | | | 11/05/24 | NP | 9.73 | 21.29 | NA | NA | 660.76 | 660.76 |
| | | | 02/11/25 | NP | 9.57 | 21.25 | NA | NA | 660.92 | 660.92 |
| | | | 04/29/25 | NP | 8.73 | 21.25 | NA | NA | 661.76 | 661.76 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-35 | 669.44 | 19.5-24.5 | 05/09/16 | NP | 6.62 | 24.48 | NA | NA | 662.82 | 662.82 |
| | | | 04/17/17 | NP | 7.16 | 24.63 | NA | NA | 662.28 | 662.28 |
| | | | 07/24/17 | NP | 8.55 | 24.44 | NA | NA | 660.89 | 660.89 |
| | | | 11/06/17 | NP | 9.11 | 24.45 | NA | NA | 660.33 | 660.33 |
| | | | 02/05/18 | NP | 8.63 | 24.50 | NA | NA | 660.81 | 660.81 |
| | | | 05/07/18 | NP | 7.03 | 24.40 | NA | NA | 662.41 | 662.41 |
| | | | 08/16/18 | NP | 8.3 | NM | NA | NA | 661.14 | 661.14 |
| | | | 11/19/18 | NP | 7.76 | NM | NA | NA | 661.68 | 661.68 |
| | | | 02/22/19 | NP | 7.64 | 24.55 | NA | NA | 661.80 | 661.80 |
| | | | 06/14/19 | NP | 6.85 | 24.35 | NA | NA | 662.59 | 662.59 |
| | | | 09/26/19 | NP | 8.6 | 23.34 | NA | NA | 660.84 | 660.84 |
| | | | 11/04/19 | NP | 8.45 | 24.29 | NA | NA | 660.99 | 660.99 |
| | | | 02/05/20 | NP | 7.46 | NM | NA | NA | 661.98 | 661.98 |
| | | | 05/18/20 | NP | 7.32 | 24.25 | NA | NA | 662.12 | 662.12 |
| | | | 08/17/20 | NP | 8.37 | NM | NA | NA | 661.07 | 661.07 |
| | | | 11/20/20 | NP | 8.96 | NM[5] | NA | NA | 660.48 | 660.48 |
| | | | 12/17/20 | NP | 8.87 | 24.25 | NA | NA | 660.57 | 660.57 |
| | | | 02/08/21 | NP | 8.92 | 24.25 | NA | NA | 660.52 | 660.52 |
| | | | 03/23/21 | NP | 8.68 | NM | NA | NA | 660.76 | 660.76 |
| | | | 05/03/21 | NP | 8.18 | 24.22 | NA | NA | 661.26 | 661.26 |
| | | | 08/17/21 | NP | 7.98 | 24.20 | NA | NA | 661.46 | 661.46 |
| | | | 12/07/21 | NP | 7.26 | 24.19 | NA | NA | 662.18 | 662.18 |
| | | | 02/14/22 | NP | 8.36 | 24.13 | NA | NA | 661.08 | 661.08 |
| | | | 05/12/22 | NP | 6.54 | 24.13 | NA | NA | 662.90 | 662.90 |
| | | | 08/11/22 | NP | 8.32 | 24.13 | NA | NA | 661.12 | 661.12 |
| | | | 11/10/22 | NP | 10.08 | 24.15 | NA | NA | 659.36 | 659.36 |
| | | | 02/21/23 | NP | 8.85 | 24.15 | NA | NA | 660.59 | 660.59 |
| | | | 05/10/23 | NP | 7.84 | 24.14 | NA | NA | 661.60 | 661.60 |
| | | | 08/02/23 | NP | 8.21 | 24.14 | NA | NA | 661.23 | 661.23 |
| | | | 10/31/23 | NP | 10.19 | 24.16 | NA | NA | 659.25 | 659.25 |
| | | | 02/20/24 | NP | 7.87 | 24.15 | NA | NA | 661.57 | 661.57 |
| | | | 05/07/24 | NP | 7.55 | 24.11 | NA | NA | 661.89 | 661.89 |
| MW-35 | 669.44 | 19.5-24.5 | 07/30/24 | NP | 8.54 | 24.06 | NA | NA | 660.90 | 660.90 |
| | | | 11/05/24 | NP | 9.4 | 24.10 | NA | NA | 660.04 | 660.04 |
| | | | 02/11/25 | NP | 8.69 | 24.08 | NA | NA | 660.75 | 660.75 |
| | | | 04/29/25 | NP | 8.22 | 24.10 | NA | NA | 661.22 | 661.22 |
| MW-38 | 671.79 | 15.0-20.0 | 04/17/17 | NP | 8.23 | 19.55 | NA | NA | 663.56 | 663.56 |
| | | | 07/24/17 | NP | 8.69 | 23.69 | NA | NA | 663.10 | 663.10 |
| | | | 11/06/17 | NP | 8.53 | 19.75 | NA | NA | 663.26 | 663.26 |
| | | | 02/05/18 | NP | 8.67 | 19.65 | NA | NA | 663.12 | 663.12 |
| | | | 05/07/18 | NP | 7.28 | 19.50 | NA | NA | 664.51 | 664.51 |
| | | | 08/16/18 | NP | 7.61 | NM | NA | NA | 664.18 | 664.18 |
| | | | 11/19/18 | NP | 7.4 | NM | NA | NA | 664.39 | 664.39 |
| | | | 02/22/19 | NP | 8 | 19.59 | NA | NA | 663.79 | 663.79 |
| | | | 06/14/19 | NP | 6.9 | 19.50 | NA | NA | 664.89 | 664.89 |
| | | | 09/26/19 | NP | 8.05 | 19.53 | NA | NA | 663.74 | 663.74 |
| | | | 11/04/19 | NP | 7.92 | 19.51 | NA | NA | 663.87 | 663.87 |
| | | | 02/05/20 | NP | 7.61 | NM | NA | NA | 664.18 | 664.18 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 8.04 | NM | NA | NA | 663.75 | 663.75 |
| | | | 11/20/20 | NP | 8.66 | NM[5] | NA | NA | 663.13 | 663.13 |
| | | | 12/17/20 | NP | 8.64 | 19.51 | NA | NA | 663.15 | 663.15 |
| | | | 02/08/21 | NP | 8.98 | 19.51 | NA | NA | 662.81 | 662.81 |
| | | | 05/03/21 | NP | 8.92 | 19.51 | NA | NA | 662.87 | 662.87 |
| | | | 08/17/21 | NP | 7.75 | 19.50 | NA | NA | 664.04 | 664.04 |
| | | | 12/07/21 | NP | 7.58 | 19.50 | NA | NA | 664.21 | 664.21 |
| | | | 02/14/22 | NP | 8.28 | 19.50 | NA | NA | 663.51 | 663.51 |
| | | | 05/12/22 | NP | 6.74 | 19.51 | NA | NA | 665.05 | 665.05 |
| | | | 08/11/22 | NP | 7.18 | 19.50 | NA | NA | 664.61 | 664.61 |
| | | | 11/10/22 | NP | 8.22 | 19.48 | NA | NA | 663.57 | 663.57 |
| | | | 02/21/23 | NP | 8.14 | 19.55 | NA | NA | 663.65 | 663.65 |
| | | | 05/10/23 | NP | 7.02 | 19.51 | NA | NA | 664.77 | 664.77 |
| | | | 08/02/23 | NP | 6.9 | 19.50 | NA | NA | 664.89 | 664.89 |
| | | | 10/31/23 | NP | 8.06 | 19.54 | NA | NA | 663.73 | 663.73 |
| | | | 02/20/24 | NP | 7.32 | 19.50 | NA | NA | 664.47 | 664.47 |
| | | | 05/07/24 | NP | 6.66 | 19.48 | NA | NA | 665.13 | 665.13 |
| | | | 07/30/24 | NP | 6.65 | 19.51 | NA | NA | 665.14 | 665.14 |
| | | | 11/05/24 | NP | 7.79 | 19.50 | NA | NA | 664.00 | 664.00 |
| | | | 02/11/25 | NP | 8.63 | 19.47 | NA | NA | 663.16 | 663.16 |
| | | | 04/29/25 | NP | 7.57 | 19.49 | NA | NA | 664.22 | 664.22 |
| MW-39 | 672.19 | 19.5-24.5 | 04/19/17 | NP | 11.08 | 24.14 | NA | NA | 661.11 | 661.11 |
| | | | 07/24/17 | NP | 11.41 | 23.92 | NA | NA | 660.78 | 660.78 |
| | | | 11/06/17 | NP | 11.64 | 24.36 | NA | NA | 660.55 | 660.55 |
| | | | 02/05/18 | NP | 11.63 | 24.30 | NA | NA | 660.56 | 660.56 |
| | | | 05/07/18 | NP | 10.25 | 24.16 | NA | NA | 661.94 | 661.94 |
| | | | 08/16/18 | NP | 10.55 | NM | NA | NA | 661.64 | 661.64 |
| | | | 11/19/18 | NP | 10.24 | NM | NA | NA | 661.95 | 661.95 |
| | | | 02/22/19 | NP | 10.74 | 24.10 | NA | NA | 661.45 | 661.45 |
| | | | 06/14/19 | NP | 9.6 | 24.19 | NA | NA | 662.59 | 662.59 |
| | | | 09/26/19 | NP | 10.81 | 24.16 | NA | NA | 661.38 | 661.38 |
| | | | 11/04/19 | NP | 10.86 | 24.18 | NA | NA | 661.33 | 661.33 |
| | | | 02/05/20 | NP | 10.35 | NM | NA | NA | 661.84 | 661.84 |
| | | | 05/18/20 | NP | 10.61 | 24.15 | NA | NA | 661.58 | 661.58 |
| | | | 08/17/20 | NP | 10.73 | NM | NA | NA | 661.46 | 661.46 |
| | | | 11/20/20 | NP | 11.34 | NM[5] | NA | NA | 660.85 | 660.85 |
| | | | 12/17/20 | NP | 11.43 | 24.22 | NA | NA | 660.76 | 660.76 |
| | | | 02/08/21 | NP | 11.76 | 24.19 | NA | NA | 660.43 | 660.43 |
| | | | 03/23/21 | NP | 11.86 | NM | NA | NA | 660.33 | 660.33 |
| | | | 05/03/21 | NP | 11.65 | 24.20 | NA | NA | 660.54 | 660.54 |
| | | | 08/17/21 | NP | 10.93 | 24.07 | NA | NA | 661.26 | 661.26 |
| | | | 12/07/21 | NP | 10.62 | 24.15 | NA | NA | 661.57 | 661.57 |
| | | | 02/14/22 | NP | 10.8 | 24.19 | NA | NA | 661.39 | 661.39 |
| | | | 05/12/22 | NP | 10.13 | 24.18 | NA | NA | 662.06 | 662.06 |
| | | | 08/11/22 | NP | 10.51 | 24.16 | NA | NA | 661.68 | 661.68 |
| | | | 11/10/22 | NP | 11.62 | 24.18 | NA | NA | 660.57 | 660.57 |
| | | | 02/21/23 | NP | 11.91 | 24.19 | NA | NA | 660.28 | 660.28 |
| | | | 05/10/23 | NP | 10.63 | 24.18 | NA | NA | 661.56 | 661.56 |
| | | | 08/02/23 | NP | 10.7 | 24.18 | NA | NA | 661.49 | 661.49 |
| | | | 10/31/23 | NP | 11.43 | 24.23 | NA | NA | 660.76 | 660.76 |
| | | | 02/20/24 | NP | 10.87 | 24.18 | NA | NA | 661.32 | 661.32 |
| | | | 05/07/24 | NP | 10.57 | 24.15 | NA | NA | 661.62 | 661.62 |
| | | | 07/30/24 | NP | 10.2 | 24.15 | NA | NA | 661.99 | 661.99 |
| | | | 11/05/24 | NP | 11.23 | 24.13 | NA | NA | 660.96 | 660.96 |
| | | | 02/11/25 | NP | 12 | 24.13 | NA | NA | 660.19 | 660.19 |
| | | | 04/29/25 | NP | 11.22 | 24.12 | NA | NA | 660.97 | 660.97 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-40 | 670.65 | 15.0-20.0 | 05/09/16 | NP | 9.94 | 19.72 | NA | NA | 660.71 | 660.71 |
| | | | 04/19/17 | NP | 9.98 | 19.72 | NA | NA | 660.67 | 660.67 |
| | | | 07/24/17 | NP | 10.1 | 19.66 | NA | NA | 660.55 | 660.55 |
| | | | 11/06/17 | NP | 10.58 | 19.75 | NA | NA | 660.07 | 660.07 |
| | | | 02/05/18 | NP | 10.62 | 19.43 | NA | NA | 660.03 | 660.03 |
| | | | 05/07/18 | NP | 9.15 | 19.64 | NA | NA | 661.50 | 661.50 |
| | | | 08/16/18 | NP | 9.46 | NM | NA | NA | 661.19 | 661.19 |
| | | | 11/19/18 | NP | 9.13 | NM | NA | NA | 661.52 | 661.52 |
| | | | 02/22/19 | NP | 9.54 | 19.62 | NA | NA | 661.11 | 661.11 |
| | | | 06/14/19 | NP | 8.4 | 19.65 | NA | NA | 662.25 | 662.25 |
| | | | 09/26/19 | NP | 9.66 | 19.64 | NA | NA | 660.99 | 660.99 |
| | | | 11/04/19 | NP | 9.64 | 19.52 | NA | NA | 661.01 | 661.01 |
| | | | 02/05/20 | NP | 9.23 | NM | NA | NA | 661.42 | 661.42 |
| | | | 05/18/20 | NP | 9.42 | 19.36 | NA | NA | 661.23 | 661.23 |
| | | | 08/17/20 | NP | 9.54 | NM | NA | NA | 661.11 | 661.11 |
| | | | 11/20/20 | NP | 10.24 | NM[5] | NA | NA | 660.41 | 660.41 |
| | | | 12/17/20 | NP | 10.29 | 19.66 | NA | NA | 660.36 | 660.36 |
| | | | 02/08/21 | Could Not Access | | | | | | |
| | | | 03/23/21 | NP | 10.74 | NM | NA | NA | 659.91 | 659.91 |
| | | | 05/03/21 | NP | 10.53 | 19.67 | NA | NA | 660.12 | 660.12 |
| | | | 08/17/21 | NP | 9.4 | 19.65 | NA | NA | 661.25 | 661.25 |
| | | | 12/07/21 | NP | 9.43 | 19.61 | NA | NA | 661.22 | 661.22 |
| | | | 02/14/22 | NP | 9.26 | 19.65 | NA | NA | 661.39 | 661.39 |
| | | | 05/12/22 | NP | 9.13 | 19.37 | NA | NA | 661.52 | 661.52 |
| | | | 08/11/22 | NP | 9.58 | 19.67 | NA | NA | 661.07 | 661.07 |
| | | | 11/10/22 | NP | 10.71 | 19.26 | NA | NA | 659.94 | 659.94 |
| | | | 02/21/23 | NP | 11 | 19.38 | NA | NA | 659.65 | 659.65 |
| | | | 05/10/23 | NP | 9.76 | 19.65 | NA | NA | 660.89 | 660.89 |
| | | | 08/02/23 | NP | 9.82 | 19.65 | NA | NA | 660.83 | 660.83 |
| | | | 10/31/23 | NP | 10.59 | 19.66 | NA | NA | 660.06 | 660.06 |
| | | | 02/20/24 | NP | 10.56 | 19.65 | NA | NA | 660.09 | 660.09 |
| | | | 05/07/24 | NP | 10 | 19.60 | NA | NA | 660.65 | 660.65 |
| | | | 07/30/24 | NP | 9.34 | 19.64 | NA | NA | 661.31 | 661.31 |
| | | | 11/05/24 | NP | 10.42 | 19.57 | NA | NA | 660.23 | 660.23 |
| | | | 02/11/25 | NP | 11.03 | 19.62 | NA | NA | 659.62 | 659.62 |
| | | | 04/29/25 | NP | 10.31 | 19.62 | NA | NA | 660.34 | 660.34 |
| MW-41 | 670.34 | 16.0-21.0 | 05/09/16 | NP | 8.2 | 20.97 | NA | NA | 662.14 | 662.14 |
| | | | 04/19/17 | NP | 8.97 | 20.99 | NA | NA | 661.37 | 661.37 |
| | | | 07/24/17 | NP | 9.39 | 20.78 | NA | NA | 660.95 | 660.95 |
| | | | 11/06/17 | NP | 9.96 | 21.25 | NA | NA | 660.38 | 660.38 |
| | | | 02/05/18 | NP | 9.75 | 20.85 | NA | NA | 660.59 | 660.59 |
| | | | 05/07/18 | NP | 8.35 | 20.94 | NA | NA | 661.99 | 661.99 |
| | | | 08/16/18 | NP | 9.06 | NM | NA | NA | 661.28 | 661.28 |
| | | | 11/19/18 | NP | 8.73 | NM | NA | NA | 661.61 | 661.61 |
| | | | 02/22/19 | NP | 8.81 | 20.93 | NA | NA | 661.53 | 661.53 |
| | | | 06/14/19 | NP | 7.8 | 20.95 | NA | NA | 662.54 | 662.54 |
| | | | 09/26/19 | NP | 9.29 | 20.78 | NA | NA | 661.05 | 661.05 |
| | | | 11/04/19 | NP | 9.28 | 20.95 | NA | NA | 661.06 | 661.06 |
| | | | 02/05/20 | NP | 8.77 | NM | NA | NA | 661.57 | 661.57 |
| | | | 05/18/20 | NP | 8.67 | 20.93 | NA | NA | 661.67 | 661.67 |
| | | | 08/17/20 | NP | 9.22 | NM | NA | NA | 661.12 | 661.12 |
| | | | 11/20/20 | NP | 9.78 | NM[5] | NA | NA | 660.56 | 660.56 |
| | | | 12/17/20 | NP | 9.8 | 20.79 | NA | NA | 660.54 | 660.54 |
| | | | 02/08/21 | NP | 9.97 | 20.89 | NA | NA | 660.37 | 660.37 |
| MW-41 | 670.34 | 16.0-21.0 | 03/23/21 | NP | 9.93 | NM | NA | NA | 660.41 | 660.41 |
| | | | 05/03/21 | NP | 9.7 | 20.89 | NA | NA | 660.64 | 660.64 |
| | | | 08/17/21 | NP | 8.66 | 20.88 | NA | NA | 661.68 | 661.68 |
| | | | 12/07/21 | NP | 8.5 | 20.87 | NA | NA | 661.84 | 661.84 |
| | | | 02/14/22 | NP | 8.92 | 20.88 | NA | NA | 661.42 | 661.42 |
| | | | 05/12/22 | NP | 8.01 | 20.90 | NA | NA | 662.33 | 662.33 |
| | | | 08/11/22 | NP | 8.9 | 20.81 | NA | NA | 661.44 | 661.44 |
| | | | 11/10/22 | NP | 9.98 | 20.81 | NA | NA | 660.36 | 660.36 |
| | | | 02/21/23 | NP | 9.92 | 20.80 | NA | NA | 660.42 | 660.42 |
| | | | 05/10/23 | NP | 8.72 | 20.79 | NA | NA | 661.62 | 661.62 |
| | | | 08/02/23 | NP | 9.08 | 20.89 | NA | NA | 661.26 | 661.26 |
| | | | 10/31/23 | NP | 9.74 | 20.94 | NA | NA | 660.60 | 660.60 |
| | | | 02/20/24 | NP | 9.6 | 20.90 | NA | NA | 660.74 | 660.74 |
| | | | 05/07/24 | NP | 8.85 | 20.85 | NA | NA | 661.49 | 661.49 |
| | | | 07/30/24 | NP | 8.55 | 20.85 | NA | NA | 661.79 | 661.79 |
| | | | 11/05/24 | NP | 9.56 | 20.88 | NA | NA | 660.78 | 660.78 |
| | | | 02/11/25 | NP | 9.76 | 20.87 | NA | NA | 660.58 | 660.58 |
| | | | 04/29/25 | NP | 8.92 | 20.88 | NA | NA | 661.42 | 661.42 |
| MW-42 | 670.10 | 16.0-21.0 | 05/09/16 | NP | 7.29 | 11.52 | NA | NA | 662.81 | 662.81 |
| | | | 04/19/17 | NP | 8.01 | 20.48 | NA | NA | 662.09 | 662.09 |
| | | | 07/24/17 | NP | 9.13 | 20.43 | NA | NA | 660.97 | 660.97 |
| | | | 11/06/17 | NP | 9.76 | 20.77 | NA | NA | 660.34 | 660.34 |
| | | | 02/05/18 | NP | 9.32 | 20.55 | NA | NA | 660.78 | 660.78 |
| | | | 05/07/18 | NP | 7.81 | 20.43 | NA | NA | 662.29 | 662.29 |
| | | | 08/16/18 | NP | 8.94 | NM | NA | NA | 661.16 | 661.16 |
| | | | 11/19/18 | NP | 8.46 | NM | NA | NA | 661.64 | 661.64 |
| | | | 02/22/19 | NP | 8.42 | 19.42 | NA | NA | 661.68 | 661.68 |
| | | | 06/14/19 | NP | 7.56 | 20.44 | NA | NA | 662.54 | 662.54 |
| | | | 09/26/19 | NP | 9.1 | 20.46 | NA | NA | 661.00 | 661.00 |
| | | | 11/04/19 | NP | 9.13 | 20.46 | NA | NA | 660.97 | 660.97 |
| | | | 02/05/20 | NP | 8.26 | NM | NA | NA | 661.84 | 661.84 |
| | | | 05/18/20 | NP | 8.11 | 20.44 | NA | NA | 661.99 | 661.99 |
| | | | 08/17/20 | NP | 9 | NM | NA | NA | 661.10 | 661.10 |
| | | | 11/20/20 | NP | 9.59 | NM[5] | NA | NA | 660.51 | 660.51 |
| MW-42 | 670.10 | 16.0-21.0 | 12/17/20 | NP | 9.51 | 20.48 | NA | NA | 660.59 | 660.59 |
| | | | 02/08/21 | NP | 9.59 | 20.47 | NA | NA | 660.51 | 660.51 |
| | | | 03/23/21 | NP | 9.37 | NM | NA | NA | 660.73 | 660.73 |
| | | | 05/03/21 | NP | 9.02 | 20.45 | NA | NA | 661.08 | 661.08 |
| | | | 08/17/21 | NP | 8.2 | 20.42 | NA | NA | 661.90 | 661.90 |
| | | | 12/07/21 | NP | 7.95 | 20.42 | NA | NA | 662.15 | 662.15 |
| | | | 02/14/22 | NP | 8.38 | 20.46 | NA | NA | 661.72 | 661.72 |
| | | | 05/12/22 | NP | 7.31 | 20.44 | NA | NA | 662.79 | 662.79 |
| | | | 08/11/22 | NP | 8.74 | 20.39 | NA | NA | 661.36 | 661.36 |
| | | | 11/10/22 | NP | 9.75 | 20.39 | NA | NA | 660.35 | 660.35 |
| | | | 02/21/23 | NP | 9.39 | 20.45 | NA | NA | 660.71 | 660.71 |
| | | | 05/10/23 | NP | 8.03 | 20.45 | NA | NA | 662.07 | 662.07 |
| | | | 08/02/23 | NP | 8.76 | 20.43 | NA | NA | 661.34 | 661.34 |
| | | | 10/31/23 | NP | 9.49 | 20.46 | NA | NA | 660.61 | 660.61 |
| | | | 02/20/24 | NP | 8.38 | 20.48 | NA | NA | 661.72 | 661.72 |
| | | | 05/07/24 | NP | 7.82 | 20.41 | NA | NA | 662.28 | 662.28 |
| | | | 07/30/24 | NP | 8.2 | 20.41 | NA | NA | 661.90 | 661.90 |
| | | | 11/05/24 | NP | 9.44 | 20.42 | NA | NA | 660.66 | 660.66 |
| | | | 02/11/25 | NP | 9.2 | 20.42 | NA | NA | 660.90 | 660.90 |
| | | | 04/29/25 | NP | 8.22 | 20.42 | NA | NA | 661.88 | 661.88 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-43 | 669.24 | 17.0-22.0 | 05/09/16 | NP | 6.34 | 21.85 | NA | NA | 662.90 | 662.90 |
| | | | 04/19/17 | NP | 6.8 | 26.82 | NA | NA | 662.44 | 662.44 |
| | | | 07/24/17 | NP | 8.34 | 21.79 | NA | NA | 660.90 | 660.90 |
| | | | 11/06/17 | NP | 8.92 | 21.98 | NA | NA | 660.32 | 660.32 |
| | | | 02/05/18 | NP | 8.42 | 21.80 | NA | NA | 660.82 | 660.82 |
| | | | 05/07/18 | NP | 6.78 | 21.76 | NA | NA | 662.46 | 662.46 |
| | | | 08/16/18 | NP | 8.17 | NM | NA | NA | 661.07 | 661.07 |
| | | | 11/19/18 | NP | 7.54 | NM | NA | NA | 661.70 | 661.70 |
| | | | 02/22/19 | NP | 7.34 | 21.95 | NA | NA | 661.90 | 661.90 |
| | | | 06/14/19 | NP | 6.55 | 21.54 | NA | NA | 662.69 | 662.69 |
| | | | 09/26/19 | NP | 8.45 | 21.56 | NA | NA | 660.79 | 660.79 |
| | | | 11/04/19 | NP | 8.14 | 21.53 | NA | NA | 661.10 | 661.10 |
| | | | 02/05/20 | NP | 7.18 | NM | NA | NA | 662.06 | 662.06 |
| | | | 05/18/20 | NP | 6.93 | 21.76 | NA | NA | 662.31 | 662.31 |
| | | | 08/17/20 | NP | 8.24 | NM | NA | NA | 661.00 | 661.00 |
| | | | 11/20/20 | NP | 8.84 | NM[5] | NA | NA | 660.40 | 660.40 |
| | | | 12/17/20 | NP | 8.7 | 21.78 | NA | NA | 660.54 | 660.54 |
| | | | 02/08/21 | NP | 8.8 | 21.79 | NA | NA | 660.44 | 660.44 |
| | | | 03/23/21 | NP | 8.52 | NM | NA | NA | 660.72 | 660.72 |
| | | | 05/03/21 | NP | 8.01 | 21.78 | NA | NA | 661.23 | 661.23 |
| | | | 08/17/21 | NP | 7.23 | 21.76 | NA | NA | 662.01 | 662.01 |
| | | | 12/07/21 | NP | 6.67 | 21.73 | NA | NA | 662.57 | 662.57 |
| | | | 02/14/22 | NP | 7.65 | 21.74 | NA | NA | 661.59 | 661.59 |
| | | | 05/12/22 | NP | 6.3 | 21.75 | NA | NA | 662.94 | 662.94 |
| | | | 08/11/22 | NP | 7.83 | 21.79 | NA | NA | 661.41 | 661.41 |
| | | | 11/10/22 | NP | 9.12 | 21.71 | NA | NA | 660.12 | 660.12 |
| | | | 02/21/23 | NP | 8.44 | 21.77 | NA | NA | 660.80 | 660.80 |
| | | | 05/10/23 | NP | 7.04 | 21.78 | NA | NA | 662.20 | 662.20 |
| | | | 08/02/23 | NP | 7.88 | 21.75 | NA | NA | 661.36 | 661.36 |
| | | | 10/31/23 | NP | 8.74 | 21.60 | NA | NA | 660.50 | 660.50 |
| | | | 02/20/24 | NP | 7.39 | 21.76 | NA | NA | 661.85 | 661.85 |
| | | | 05/07/24 | NP | 6.91 | 21.75 | NA | NA | 662.33 | 662.33 |
| | | | 07/30/24 | NP | 7.4 | 21.71 | NA | NA | 661.84 | 661.84 |
| | | | 11/05/24 | NP | 8.76 | 21.71 | NA | NA | 660.48 | 660.48 |
| | | | 02/11/25 | NP | 8.45 | 21.74 | NA | NA | 660.79 | 660.79 |
| | | | 04/29/25 | NP | 7.42 | 21.75 | NA | NA | 661.82 | 661.82 |
| MW-45 | 670.83 | 15.0-20.0 | 05/09/16 | NP | 14.22 | 19.81 | NA | NA | 656.61 | 656.61 |
| | | | 04/19/17 | NP | 11.45 | 19.67 | NA | NA | 659.38 | 659.38 |
| | | | 07/24/17 | NP | 11.07 | 19.76 | NA | NA | 659.76 | 659.76 |
| | | | 11/06/17 | NP | 9.82 | 19.75 | NA | NA | 661.01 | 661.01 |
| | | | 02/05/18 | NP | 10.3 | 19.72 | NA | NA | 660.53 | 660.53 |
| | | | 05/07/18 | NP | 9.43 | 19.99 | NA | NA | 661.40 | 661.40 |
| | | | 08/16/18 | NP | 9.02 | NM | NA | NA | 661.81 | 661.81 |
| | | | 11/19/18 | NP | 9.91 | 19.69 | NA | NA | 660.92 | 660.92 |
| | | | 02/22/19 | NP | 10.67 | 19.71 | NA | NA | 660.16 | 660.16 |
| | | | 06/14/19 | NP | 9.6 | 19.79 | NA | NA | 661.23 | 661.23 |
| | | | 09/26/19 | NP | 10.18 | 20.68 | NA | NA | 660.65 | 660.65 |
| | | | 11/04/19 | NP | 10.52 | 19.69 | NA | NA | 660.31 | 660.31 |
| | | | 02/05/20 | NP | 11.21 | NM | NA | NA | 659.62 | 659.62 |
| | | | 04/01/20 | NP | 11.47 | NM | NA | NA | 659.36 | 659.36 |
| | | | 05/18/20 | NP | 11.39 | 19.69 | NA | NA | 659.44 | 659.44 |
| | | | 08/17/20 | NP | 10.44 | NM | NA | NA | 660.39 | 660.39 |
| | | | 11/20/20 | NP | 10.85 | NM[5] | NA | NA | 659.98 | 659.98 |
| | | | 12/17/20 | NP | 11.46 | 19.68 | NA | NA | 659.37 | 659.37 |
| | | | 02/08/21 | NP | 11.56 | 19.64 | NA | NA | 659.27 | 659.27 |
| | | | 03/23/21 | NP | 12.18 | NM | NA | NA | 658.65 | 658.65 |
| | | | 05/03/21 | NP | 11.69 | 19.68 | NA | NA | 659.14 | 659.14 |
| | | | 08/17/21 | NP | 10.15 | 19.68 | NA | NA | 660.68 | 660.68 |
| | | | 12/07/21 | NP | 10.75 | 19.69 | NA | NA | 660.08 | 660.08 |
| | | | 02/14/22 | NP | 10.41 | 19.70 | NA | NA | 660.42 | 660.42 |
| | | | 05/12/22 | NP | 8.31 | 19.64 | NA | NA | 662.52 | 662.52 |
| | | | 08/11/22 | NP | 9.43 | 19.72 | NA | NA | 661.40 | 661.40 |
| | | | 02/21/23 | NP | 10.51 | 19.66 | NA | NA | 660.32 | 660.32 |
| | | | 05/10/23 | NP | 9.28 | 19.72 | NA | NA | 661.55 | 661.55 |
| | | | 08/02/23 | NP | 9.12 | 19.72 | NA | NA | 661.71 | 661.71 |
| | | | 10/31/23 | NP | 10.05 | 19.72 | NA | NA | 660.78 | 660.78 |
| | | | 02/20/24 | NP | 9.75 | 19.67 | NA | NA | 661.08 | 661.08 |
| | | | 05/07/24 | NP | 9.44 | 19.65 | NA | NA | 661.39 | 661.39 |
| | | | 07/30/24 | NP | 8.75 | 19.69 | NA | NA | 662.08 | 662.08 |
| | | | 11/05/24 | NP | 8.82 | 19.69 | NA | NA | 662.01 | 662.01 |
| | | | 02/11/25 | NP | 10.63 | 19.67 | NA | NA | 660.20 | 660.20 |
| | | | 04/29/25 | NP | 9.96 | 19.66 | NA | NA | 660.87 | 660.87 |
| MW-46 | 670.84 | 16.0-21.0 | 05/09/16 | NP | 8.42 | 20.45 | NA | NA | 662.42 | 662.42 |
| | | | 04/19/17 | NP | 10.61 | 20.30 | NA | NA | 660.23 | 660.23 |
| | | | 07/24/17 | NP | 10.33 | 19.78 | NA | NA | 660.51 | 660.51 |
| | | | 11/06/17 | NP | 9.76 | 19.81 | NA | NA | 661.08 | 661.08 |
| | | | 02/05/18 | NP | 10.2 | 19.81 | NA | NA | 660.64 | 660.64 |
| | | | 05/07/18 | NP | 9.84 | 19.94 | NA | NA | 661.00 | 661.00 |
| | | | 08/16/18 | NP | 9.47 | NM | NA | NA | 661.37 | 661.37 |
| | | | 11/19/18 | NP | 10.18 | 19.63 | NA | NA | 660.66 | 660.66 |
| | | | 02/22/19 | NP | 10.79 | 19.64 | NA | NA | 660.05 | 660.05 |
| | | | 06/14/19 | NP | 9.48 | 19.87 | NA | NA | 661.36 | 661.36 |
| | | | 09/26/19 | NP | 10.35 | 19.73 | NA | NA | 660.49 | 660.49 |
| | | | 11/04/19 | NP | 10.26 | 19.70 | NA | NA | 660.58 | 660.58 |
| | | | 02/05/20 | NP | 10.82 | NM | NA | NA | 660.02 | 660.02 |
| | | | 04/01/20 | NP | 10.2 | NM | NA | NA | 660.64 | 660.64 |
| | | | 05/18/20 | NP | 10.6 | 19.65 | NA | NA | 660.24 | 660.24 |
| | | | 08/17/20 | NP | 10.31 | NM | NA | NA | 660.53 | 660.53 |
| | | | 11/20/20 | NP | 10.52 | NM[5] | NA | NA | 660.32 | 660.32 |
| | | | 12/17/20 | NP | 10.92 | 19.69 | NA | NA | 659.92 | 659.92 |
| | | | 02/08/21 | NP | 11.17 | 19.62 | NA | NA | 659.67 | 659.67 |
| | | | 03/23/21 | NP | 11.23 | NM | NA | NA | 659.61 | 659.61 |
| | | | 05/03/21 | NP | 9.01 | 19.77 | NA | NA | 661.83 | 661.83 |
| | | | 08/17/21 | NP | 9.48 | 19.65 | NA | NA | 661.36 | 661.36 |
| | | | 12/07/21 | NP | 9.65 | 19.66 | NA | NA | 661.19 | 661.19 |
| | | | 02/14/22 | NP | 9.65 | 19.70 | NA | NA | 661.19 | 661.19 |
| | | | 05/12/22 | NP | 8.46 | 18.73 | NA | NA | 662.38 | 662.38 |
| | | | 08/11/22 | NP | 8.7 | 19.25 | NA | NA | 662.14 | 662.14 |
| | | | 02/21/23 | NP | 9.72 | 19.62 | NA | NA | 661.12 | 661.12 |
| | | | 05/10/23 | NP | 8.56 | 19.31 | NA | NA | 662.28 | 662.28 |
| | | | 08/02/23 | NP | 8.44 | 19.30 | NA | NA | 662.40 | 662.40 |
| | | | 10/31/23 | NP | 9.29 | 18.44 | NA | NA | 661.55 | 661.55 |
| | | | 02/20/24 | NP | 8.96 | 19.23 | NA | NA | 661.88 | 661.88 |
| | | | 05/07/24 | NP | 8.4 | 19.13 | NA | NA | 662.44 | 662.44 |
| | | | 07/30/24 | NP | 7.97 | 19.13 | NA | NA | 662.87 | 662.87 |
| | | | 11/05/24 | NP | 8.09 | 19.13 | NA | NA | 662.75 | 662.75 |
| | | | 02/11/25 | NP | 9.7 | 19.20 | NA | NA | 661.14 | 661.14 |
| | | | 04/29/25 | NP | 8.27 | 19.22 | NA | NA | 662.57 | 662.57 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-47 | 671.33 | 16.0-21.0 | 05/09/16 | NP | 7.53 | 11.92 | NA | NA | 663.80 | 663.80 |
| | | | 04/19/17 | NP | 9.88 | 20.76 | NA | NA | 661.45 | 661.45 |
| | | | 07/24/17 | NP | 10.11 | 19.96 | NA | NA | 661.22 | 661.22 |
| | | | 11/06/17 | NP | 9.87 | 19.98 | NA | NA | 661.46 | 661.46 |
| | | | 02/05/18 | NP | 10.11 | 19.98 | NA | NA | 661.22 | 661.22 |
| | | | 05/07/18 | NP | 9.49 | 19.94 | NA | NA | 661.84 | 661.84 |
| | | | 08/16/18 | NP | 9.65 | NM | NA | NA | 661.68 | 661.68 |
| | | | 11/19/18 | NP | 10.02 | 19.93 | NA | NA | 661.31 | 661.31 |
| | | | 02/22/19 | NP | 10.5 | 19.92 | NA | NA | 660.83 | 660.83 |
| | | | 06/14/19 | NM | NM | NM | NA | NA | NA | NA |
| | | | 09/26/19 | NP | 10.23 | 19.96 | NA | NA | 661.10 | 661.10 |
| | | | 11/04/19 | NP | 10.07 | 19.92 | NA | NA | 661.26 | 661.26 |
| | | | 02/05/20 | NP | 10.32 | NM | NA | NA | 661.01 | 661.01 |
| | | | 05/18/20 | NP | 10.07 | 19.97 | NA | NA | 661.26 | 661.26 |
| | | | 08/17/20 | NP | 10.1 | NM | NA | NA | 661.23 | 661.23 |
| | | | 11/20/20 | NP | 10.35 | NM[5] | NA | NA | 660.98 | 660.98 |
| | | | 12/17/20 | NP | 10.54 | 19.97 | NA | NA | 660.79 | 660.79 |
| | | | 02/08/21 | NP | 10.68 | 19.99 | NA | NA | 660.65 | 660.65 |
| | | | 03/23/21 | NP | 10.69 | NM | NA | NA | 660.64 | 660.64 |
| | | | 05/03/21 | NP | 10.4 | 19.98 | NA | NA | 660.93 | 660.93 |
| | | | 08/17/21 | NP | 9.2 | 18.77 | NA | NA | 662.13 | 662.13 |
| | | | 12/07/21 | NP | 9.16 | 19.80 | NA | NA | 662.17 | 662.17 |
| | | | 02/14/22 | NP | 9.53 | 20.08 | NA | NA | 661.80 | 661.80 |
| | | | 05/12/22 | NP | 8.4 | 20.04 | NA | NA | 662.93 | 662.93 |
| | | | 08/11/22 | NP | 8.74 | 20.11 | NA | NA | 662.59 | 662.59 |
| | | | 11/10/22 | NP | 9.75 | 20.05 | NA | NA | 661.58 | 661.58 |
| | | | 02/21/23 | NP | 9.6 | 20.09 | NA | NA | 661.73 | 661.73 |
| | | | 05/10/23 | NP | 8.37 | 20.09 | NA | NA | 662.96 | 662.96 |
| | | | 08/02/23 | NP | 8.5 | 19.98 | NA | NA | 662.83 | 662.83 |
| | | | 10/31/23 | NP | 9.21 | 20.82 | NA | NA | 662.12 | 662.12 |
| | | | 02/20/24 | NP | 8.78 | 20.84 | NA | NA | 662.55 | 662.55 |
| | | | 05/07/24 | NP | 8.14 | 20.82 | NA | NA | 663.19 | 663.19 |
| | | | 07/30/24 | NP | 7.89 | 20.83 | NA | NA | 663.44 | 663.44 |
| | | | 11/05/24 | NP | 9.16 | 20.83 | NA | NA | 662.17 | 662.17 |
| | | | 02/11/25 | NP | 9.35 | 20.82 | NA | NA | 661.98 | 661.98 |
| | | | 04/29/25 | NP | 8.12 | 20.81 | NA | NA | 663.21 | 663.21 |
| MW-48 | 670.98 | 17.0-22.0 | 05/09/16 | NP | 6.33 | 21.76 | NA | NA | 664.65 | 664.65 |
| | | | 04/19/17 | NP | 8.93 | 21.62 | NA | NA | 662.05 | 662.05 |
| | | | 07/24/17 | NP | 9.7 | 20.42 | NA | NA | 661.28 | 661.28 |
| | | | 11/06/17 | NP | 9.33 | 20.34 | NA | NA | 661.65 | 661.65 |
| | | | 02/05/18 | NP | 10.08 | 20.35 | NA | NA | 660.90 | 660.90 |
| | | | 05/07/18 | NP | 8.84 | 20.60 | NA | NA | 662.14 | 662.14 |
| | | | 08/16/18 | NP | 9.34 | NM | NA | NA | 661.64 | 661.64 |
| | | | 11/19/18 | NP | 8.97 | NM | NA | NA | 662.01 | 662.01 |
| | | | 03/04/19 | NP | 9.8 | 20.40 | NA | NA | 661.18 | 661.18 |
| | | | 06/14/19 | NP | 8.64 | 20.26 | NA | NA | 662.34 | 662.34 |
| | | | 09/26/19 | NP | 9.17 | 20.26 | NA | NA | 661.81 | 661.81 |
| | | | 11/04/19 | NP | 8.78 | 20.25 | NA | NA | 662.20 | 662.20 |
| | | | 02/05/20 | NP | 9.26 | NM | NA | NA | 661.72 | 661.72 |
| | | | 04/01/20 | NP | 9.34 | NM | NA | NA | 661.64 | 661.64 |
| | | | 05/18/20 | NP | 8.81 | 20.22 | NA | NA | 662.17 | 662.17 |
| | | | 08/17/20 | NP | 9.36 | NM | NA | NA | 661.62 | 661.62 |
| | | | 11/20/20 | NP | 9.74 | NM[5] | NA | NA | 661.24 | 661.24 |
| | | | 12/17/20 | NP | 9.94 | 20.22 | NA | NA | 661.04 | 661.04 |
| | | | 02/08/21 | NP | 10.23 | 20.15 | NA | NA | 660.75 | 660.75 |
| | | | 03/23/21 | NP | 10.13 | NM | NA | NA | 660.85 | 660.85 |
| | | | 05/03/21 | NP | 9.54 | 19.87 | NA | NA | 661.44 | 661.44 |
| | | | 08/17/21 | NP | 8.37 | 20.24 | NA | NA | 662.61 | 662.61 |
| | | | 12/07/21 | Could Not Access; well destroyed, replaced with MW-48R | | | | | | |
| MW-48 R | 670.98 | 17.0-22.0 | 02/14/22 | NP | 9.4 | 21.60 | NA | NA | 661.58 | 661.58 |
| | | | 05/12/22 | NP | 8.38 | 21.60 | NA | NA | 662.60 | 662.60 |
| | | | 08/11/22 | NP | 8.79 | 21.60 | NA | NA | 662.19 | 662.19 |
| | | | 02/21/23 | NP | 9.78 | 21.63 | NA | NA | 661.20 | 661.20 |
| | | | 05/10/23 | NP | 8.49 | 21.65 | NA | NA | 662.49 | 662.49 |
| | | | 08/02/23 | NP | 8.71 | 21.62 | NA | NA | 662.27 | 662.27 |
| | | | 10/31/23 | NP | 9.53 | 21.68 | NA | NA | 661.45 | 661.45 |
| | | | 02/20/24 | NP | 8.74 | 21.58 | NA | NA | 662.24 | 662.24 |
| | | | 05/07/24 | NP | 8.21 | 21.60 | NA | NA | 662.77 | 662.77 |
| | | | 07/30/24 | NP | 8.02 | 21.62 | NA | NA | 662.96 | 662.96 |
| | | | 11/05/24 | NP | 8.13 | 21.62 | NA | NA | 662.85 | 662.85 |
| | | | 02/11/25 | NP | 9.49 | 21.57 | NA | NA | 661.49 | 661.49 |
| | | | 04/29/25 | NP | 8.46 | 21.60 | NA | NA | 662.52 | 662.52 |
| MW-50 | 670.16 | 16.0-21.0 | 05/09/16 | NP | 5.42 | 20.34 | NA | NA | 664.74 | 664.74 |
| | | | 04/19/17 | NP | 6.77 | 20.23 | NA | NA | 663.39 | 663.39 |
| | | | 07/24/17 | NP | 8.16 | 18.42 | NA | NA | 662.00 | 662.00 |
| | | | 11/06/17 | NP | 8.15 | 18.81 | NA | NA | 662.01 | 662.01 |
| | | | 02/05/18 | NP | 8.47 | 18.44 | NA | NA | 661.69 | 661.69 |
| | | | 05/07/18 | NP | 6.81 | 19.00 | NA | NA | 663.35 | 663.35 |
| | | | 08/16/18 | NP | 7.55 | NM | NA | NA | 662.61 | 662.61 |
| | | | 11/19/18 | NP | 7.44 | NM | NA | NA | 662.72 | 662.72 |
| | | | 02/22/19 | NP | 7.61 | 18.81 | NA | NA | 662.55 | 662.55 |
| | | | 06/14/19 | NP | 6.82 | 14.91 | NA | NA | 663.34 | 663.34 |
| | | | 09/26/19 | NP | 8.03 | 14.72 | NA | NA | 662.13 | 662.13 |
| | | | 11/04/19 | NP | 7.4 | 18.78 | NA | NA | 662.76 | 662.76 |
| | | | 02/05/20 | NP | 7.22 | NM | NA | NA | 662.94 | 662.94 |
| | | | 04/01/20 | NP | 7.31 | NM | NA | NA | 662.85 | 662.85 |
| | | | 05/18/20 | NP | 7.14 | 18.84 | NA | NA | 663.02 | 663.02 |
| | | | 08/17/20 | NP | 7.78 | NM | NA | NA | 662.38 | 662.38 |
| | | | 11/20/20 | NP | 8.4 | NM[5] | NA | NA | 661.76 | 661.76 |
| MW-50 | 670.16 | 16.0-21.0 | 12/17/20 | NP | 8.57 | 18.77 | NA | NA | 661.59 | 661.59 |
| | | | 02/08/21 | NP | 8.69 | 18.74 | NA | NA | 661.47 | 661.47 |
| | | | 03/23/21 | NP | 8.56 | NM | NA | NA | 661.60 | 661.60 |
| | | | 05/03/21 | NP | 8.05 | 18.76 | NA | NA | 662.11 | 662.11 |
| | | | 08/17/21 | NP | 6.46 | 18.55 | NA | NA | 663.70 | 663.70 |
| | | | 12/07/21 | NP | 6.83 | 18.53 | NA | NA | 663.33 | 663.33 |
| | | | 02/14/22 | NP | 7.55 | 18.55 | NA | NA | 662.61 | 662.61 |
| | | | 05/12/22 | NP | 6.06 | 17.02 | NA | NA | 664.10 | 664.10 |
| | | | 08/11/22 | NP | 6.86 | 18.50 | NA | NA | 663.30 | 663.30 |
| | | | 02/21/23 | NP | 7.77 | 18.32 | NA | NA | 662.39 | 662.39 |
| | | | 05/10/23 | NP | 6.52 | 18.53 | NA | NA | 663.64 | 663.64 |
| | | | 08/02/23 | NP | 6.94 | 18.53 | NA | NA | 663.22 | 663.22 |
| | | | 10/31/23 | NP | 7.98 | 19.05 | NA | NA | 662.18 | 662.18 |
| | | | 02/20/24 | NP | 6.8 | 18.98 | NA | NA | 663.36 | 663.36 |
| | | | 05/07/24 | NP | 6.26 | 18.97 | NA | NA | 663.90 | 663.90 |
| | | | 07/30/24 | NP | 6.46 | 18.98 | NA | NA | 663.70 | 663.70 |
| | | | 11/05/24 | NP | 6.59 | 18.98 | NA | NA | 663.57 | 663.57 |
| | | | 02/11/25 | NP | 8.2 | 16.95 | NA | NA | 661.96 | 661.96 |
| | | | 04/29/25 | NP | 6.99 | 18.86 | NA | NA | 663.17 | 663.17 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-52 | 669.16 | 15.0-20.0 | 05/09/16 | NP | 6.39 | 19.81 | NA | NA | 662.77 | 662.77 |
| | | | 04/19/17 | NP | 6.59 | 19.76 | NA | NA | 662.57 | 662.57 |
| | | | 07/24/17 | NP | 8.33 | 19.75 | NA | NA | 660.83 | 660.83 |
| | | | 11/06/17 | NP | 8.87 | 19.83 | NA | NA | 660.29 | 660.29 |
| | | | 02/05/18 | NP | 8.43 | 19.57 | NA | NA | 660.73 | 660.73 |
| | | | 05/07/18 | NP | 6.57 | 19.76 | NA | NA | 662.59 | 662.59 |
| | | | 08/16/18 | NP | 8.3 | NM | NA | NA | 660.86 | 660.86 |
| | | | 11/19/18 | NP | 7.52 | NM | NA | NA | 661.64 | 661.64 |
| | | | 02/22/19 | NP | 7.36 | 19.73 | NA | NA | 661.80 | 661.80 |
| | | | 06/14/19 | NP | 6.43 | 19.75 | NA | NA | 662.73 | 662.73 |
| | | | 09/26/19 | NP | 8.58 | 19.76 | NA | NA | 660.58 | 660.58 |
| | | | 11/04/19 | NP | 8.14 | 19.44 | NA | NA | 661.02 | 661.02 |
| | | | 02/05/20 | NP | 7.08 | NM | NA | NA | 662.08 | 662.08 |
| | | | 05/18/20 | NP | 6.8 | 19.42 | NA | NA | 662.36 | 662.36 |
| | | | 08/17/20 | NP | 9.38 | NM | NA | NA | 659.78 | 659.78 |
| | | | 11/20/20 | NP | 8.91 | NM[5] | NA | NA | 660.25 | 660.25 |
| | | | 12/17/20 | NP | 8.71 | 19.78 | NA | NA | 660.45 | 660.45 |
| | | | 02/08/21 | NP | 8.84 | 19.78 | NA | NA | 660.32 | 660.32 |
| | | | 03/23/21 | NP | 8.53 | NM | NA | NA | 660.63 | 660.63 |
| | | | 05/03/21 | NP | 8.15 | 19.77 | NA | NA | 661.01 | 661.01 |
| | | | 08/17/21 | NP | 7.01 | 19.74 | NA | NA | 662.15 | 662.15 |
| | | | 12/07/21 | NP | 6.96 | 19.75 | NA | NA | 662.20 | 662.20 |
| | | | 02/14/22 | NP | 7.71 | 19.74 | NA | NA | 661.45 | 661.45 |
| MW-52 | 669.16 | 15.0-20.0 | 05/12/22 | NP | 6.33 | 19.74 | NA | NA | 662.83 | 662.83 |
| | | | 08/11/22 | NP | 7.79 | 19.38 | NA | NA | 661.37 | 661.37 |
| | | | 11/10/22 | NP | 9.31 | 19.77 | NA | NA | 659.85 | 659.85 |
| | | | 02/21/23 | NP | 8.49 | 19.77 | NA | NA | 660.67 | 660.67 |
| | | | 05/10/23 | NP | 7.06 | 19.76 | NA | NA | 662.10 | 662.10 |
| | | | 08/02/23 | NP | 8.05 | 19.75 | NA | NA | 661.11 | 661.11 |
| | | | 10/31/23 | NP | 8.93 | 19.77 | NA | NA | 660.23 | 660.23 |
| | | | 02/20/24 | NP | 7.49 | 19.43 | NA | NA | 661.67 | 661.67 |
| | | | 05/07/24 | NP | 7.08 | 19.75 | NA | NA | 662.08 | 662.08 |
| | | | 07/30/24 | NP | 7.67 | 19.75 | NA | NA | 661.49 | 661.49 |
| | | | 11/05/24 | NP | 9.01 | 19.74 | NA | NA | 660.15 | 660.15 |
| | | | 02/11/25 | NP | 8.65 | 19.74 | NA | NA | 660.51 | 660.51 |
| | | | 04/29/25 | NP | 7.6 | 19.75 | NA | NA | 661.56 | 661.56 |
| MW-53 | 668.59 | 16.0-21.0 | 05/09/16 | NP | 6.05 | 20.85 | NA | NA | 662.54 | 662.54 |
| | | | 04/18/17 | NP | 6.03 | 20.83 | NA | NA | 662.56 | 662.56 |
| | | | 07/24/17 | NP | 7.92 | 20.63 | NA | NA | 660.67 | 660.67 |
| | | | 11/06/17 | NP | 8.35 | 21.08 | NA | NA | 660.24 | 660.24 |
| | | | 02/05/18 | NP | 7.98 | 20.68 | NA | NA | 660.61 | 660.61 |
| | | | 05/07/18 | NP | 6.08 | 20.81 | NA | NA | 662.51 | 662.51 |
| | | | 08/16/18 | NP | 7.87 | NM | NA | NA | 660.72 | 660.72 |
| | | | 11/19/18 | NP | 7.1 | NM | NA | NA | 661.49 | 661.49 |
| | | | 02/22/19 | NP | 6.73 | 20.62 | NA | NA | 661.86 | 661.86 |
| | | | 06/14/19 | NP | 5.98 | 20.62 | NA | NA | 662.61 | 662.61 |
| | | | 09/26/19 | NP | 8.15 | 20.64 | NA | NA | 660.44 | 660.44 |
| | | | 11/04/19 | NP | 8.23 | 20.62 | NA | NA | 660.36 | 660.36 |
| | | | 02/05/20 | NP | 6.55 | NM | NA | NA | 662.04 | 662.04 |
| | | | 05/18/20 | NP | 6.19 | 20.81 | NA | NA | 662.40 | 662.40 |
| | | | 08/17/20 | NP | 7.83 | NM | NA | NA | 660.76 | 660.76 |
| | | | 11/20/20 | NP | 8.48 | NM[5] | NA | NA | 660.11 | 660.11 |
| | | | 12/17/20 | NP | 8.57 | 20.65 | NA | NA | 660.02 | 660.02 |
| | | | 02/08/21 | NP | 8.35 | 20.80 | NA | NA | 660.24 | 660.24 |
| | | | 05/03/21 | NP | 7.63 | 20.81 | NA | NA | 660.96 | 660.96 |
| | | | 08/17/21 | NP | 6.3 | 21.79 | NA | NA | 662.29 | 662.29 |
| | | | 12/07/21 | NP | 6.53 | 20.65 | NA | NA | 662.06 | 662.06 |
| | | | 02/14/22 | NP | 7.34 | 20.81 | NA | NA | 661.25 | 661.25 |
| | | | 05/12/22 | NP | 5.98 | 20.79 | NA | NA | 662.61 | 662.61 |
| | | | 08/11/22 | NP | 7.46 | 20.82 | NA | NA | 661.13 | 661.13 |
| | | | 11/10/22 | NP | 8.97 | 20.80 | NA | NA | 659.62 | 659.62 |
| | | | 02/21/23 | NP | 8.01 | 20.80 | NA | NA | 660.58 | 660.58 |
| | | | 05/10/23 | NP | 6.62 | 20.79 | NA | NA | 661.97 | 661.97 |
| | | | 08/02/23 | NP | 7.68 | 20.81 | NA | NA | 660.91 | 660.91 |
| | | | 10/31/23 | NP | 8.5 | 20.78 | NA | NA | 660.09 | 660.09 |
| | | | 02/20/24 | NP | 7.13 | 20.81 | NA | NA | 661.46 | 661.46 |
| | | | 05/07/24 | NP | 6.74 | 20.79 | NA | NA | 661.85 | 661.85 |
| | | | 07/30/24 | NP | 7.46 | 20.75 | NA | NA | 661.13 | 661.13 |
| | | | 11/05/24 | NP | 8.66 | 20.80 | NA | NA | 659.93 | 659.93 |
| | | | 02/11/25 | NP | 8.28 | 20.77 | NA | NA | 660.31 | 660.31 |
| | | | 04/29/25 | NP | 7.19 | 20.78 | NA | NA | 661.40 | 661.40 |
| MW-54 | 668.49 | 16.0-21.0 | 04/19/17 | NP | 6.01 | 20.86 | NA | NA | 662.48 | 662.48 |
| | | | 07/24/17 | NP | 8.08 | 20.52 | NA | NA | 660.41 | 660.41 |
| | | | 11/06/17 | NP | 8.17 | 20.71 | NA | NA | 660.32 | 660.32 |
| | | | 02/05/18 | NP | 7.96 | 20.56 | NA | NA | 660.53 | 660.53 |
| | | | 05/07/18 | NP | 6.09 | 20.82 | NA | NA | 662.40 | 662.40 |
| | | | 08/16/18 | NP | 8.01 | NM | NA | NA | 660.48 | 660.48 |
| | | | 11/19/18 | NP | 7.06 | NM | NA | NA | 661.43 | 661.43 |
| | | | 02/22/19 | Could Not Access; covered by ice/snow | | | | | | |
| | | | 06/14/19 | NP | 5.9 | 20.82 | NA | NA | 662.59 | 662.59 |
| | | | 09/26/19 | NP | 8.54 | 20.51 | NA | NA | 659.95 | 659.95 |
| | | | 11/04/19 | NP | 7.82 | 20.85 | NA | NA | 660.67 | 660.67 |
| | | | 02/05/20 | NP | 6.53 | NM | NA | NA | 661.96 | 661.96 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 7.95 | NM | NA | NA | 660.54 | 660.54 |
| | | | 11/20/20 | NP | 8.5 | NM[5] | NA | NA | 659.99 | 659.99 |
| | | | 12/17/20 | NP | 8.34 | 20.82 | NA | NA | 660.15 | 660.15 |
| | | | 02/08/21 | NP | 8.4 | 20.81 | NA | NA | 660.09 | 660.09 |
| | | | 05/03/21 | NP | 7.82 | 20.85 | NA | NA | 660.67 | 660.67 |
| | | | 08/17/21 | NP | 5.92 | 20.82 | NA | NA | 662.57 | 662.57 |
| | | | 12/07/21 | NP | 6.71 | 20.90 | NA | NA | 661.78 | 661.78 |
| | | | 02/14/22 | NP | 7.38 | 20.85 | NA | NA | 661.11 | 661.11 |
| | | | 05/12/22 | NP | 6.07 | 20.82 | NA | NA | 662.42 | 662.42 |
| | | | 08/11/22 | NP | 7.69 | 20.86 | NA | NA | 660.80 | 660.80 |
| | | | 11/10/22 | NP | 8.81 | 20.83 | NA | NA | 659.68 | 659.68 |
| | | | 02/21/23 | NP | 8.03 | 20.83 | NA | NA | 660.46 | 660.46 |
| | | | 05/10/23 | NP | 6.74 | 20.82 | NA | NA | 661.75 | 661.75 |
| | | | 08/02/23 | NP | 7.82 | 20.85 | NA | NA | 660.67 | 660.67 |
| | | | 10/31/23 | NP | 8.49 | 20.82 | NA | NA | 660.00 | 660.00 |
| | | | 02/20/24 | NP | 7.15 | 20.85 | NA | NA | 661.34 | 661.34 |
| | | | 05/07/24 | NP | 6.84 | 20.82 | NA | NA | 661.65 | 661.65 |
| | | | 07/30/24 | NP | 7.48 | 20.84 | NA | NA | 661.01 | 661.01 |
| | | | 11/05/24 | NP | 8.76 | 20.85 | NA | NA | 659.73 | 659.73 |
| | | | 02/11/25 | NP | 8.34 | 20.53 | NA | NA | 660.15 | 660.15 |
| | | | 04/29/25 | NP | 7.25 | 20.82 | NA | NA | 661.24 | 661.24 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-54S | 668.24 | 4.5-9.5 | 06/14/19 | NP | 2.96 | 9.25 | NA | NA | 665.28 | 665.28 |
| | | | 09/26/19 | NP | 7.56 | 9.10 | NA | NA | 660.68 | 660.68 |
| | | | 11/04/19 | NP | 4.83 | 9.28 | NA | NA | 663.41 | 663.41 |
| | | | 02/05/20 | NP | 5.6 | NM | NA | NA | 662.64 | 662.64 |
| | | | 05/18/20 | NP | 3.39 | 9.28 | NA | NA | 664.85 | 664.85 |
| | | | 08/17/20 | NP | 3.93 | NM | NA | NA | 664.31 | 664.31 |
| | | | 11/20/20 | NP | 7.51 | NM[5] | NA | NA | 660.73 | 660.73 |
| | | | 12/17/20 | NP | 7.36 | 9.02 | NA | NA | 660.88 | 660.88 |
| | | | 02/08/21 | NP | 7.56 | 9.24 | NA | NA | 660.68 | 660.68 |
| | | | 03/23/21 | NP | 7.23 | NM | NA | NA | 661.01 | 661.01 |
| | | | 05/03/21 | NP | 7.01 | 9.25 | NA | NA | 661.23 | 661.23 |
| | | | 08/17/21 | NP | 5.1 | 9.25 | NA | NA | 663.14 | 663.14 |
| | | | 12/07/21 | NP | 3.71 | 9.25 | NA | NA | 664.53 | 664.53 |
| | | | 02/14/22 | Could Not Access; covered by ice/snow | | | | | | |
| | | | 05/12/22 | NP | 5.15 | 9.22 | NA | NA | 663.09 | 663.09 |
| | | | 08/11/22 | NP | 6.75 | 9.24 | NA | NA | 661.49 | 661.49 |
| | | | 11/10/22 | NP | 8.18 | 9.22 | NA | NA | 660.06 | 660.06 |
| | | | 02/21/23 | NP | 7.06 | 9.23 | NA | NA | 661.18 | 661.18 |
| | | | 05/10/23 | NP | 5.83 | 9.23 | NA | NA | 662.41 | 662.41 |
| | | | 08/02/23 | NP | 6.95 | 9.23 | NA | NA | 661.29 | 661.29 |
| | | | 10/31/23 | NP | 7.78 | 9.22 | NA | NA | 660.46 | 660.46 |
| | | | 02/20/24 | NP | 6.32 | 9.23 | NA | NA | 661.92 | 661.92 |
| | | | 05/07/24 | NP | 5.94 | 9.21 | NA | NA | 662.30 | 662.30 |
| | | | 07/30/24 | NP | 5.23 | 9.22 | NA | NA | 663.01 | 663.01 |
| | | | 11/05/24 | NP | 7.92 | 9.22 | NA | NA | 660.32 | 660.32 |
| | | | 02/11/25 | NP | 7.45 | 9.22 | NA | NA | 660.79 | 660.79 |
| | | | 04/29/25 | NP | 6.39 | 9.22 | NA | NA | 661.85 | 661.85 |
| MW-55 | 670.04 | 15.0-20.0 | 04/19/17 | NP | 6.84 | 19.82 | NA | NA | 663.20 | 663.20 |
| | | | 07/24/17 | NP | 8.95 | 19.56 | NA | NA | 661.09 | 661.09 |
| | | | 11/06/17 | NP | 8.98 | 20.03 | NA | NA | 661.06 | 661.06 |
| | | | 02/05/18 | NP | 8.78 | 19.64 | NA | NA | 661.26 | 661.26 |
| | | | 05/07/18 | NP | 6.91 | 19.74 | NA | NA | 663.13 | 663.13 |
| | | | 08/16/18 | NP | 8.66 | NM | NA | NA | 661.38 | 661.38 |
| | | | 11/19/18 | NP | 7.86 | NM | NA | NA | 662.18 | 662.18 |
| | | | 02/22/19 | NP | 7.63 | 19.55 | NA | NA | 662.41 | 662.41 |
| | | | 06/14/19 | NP | 6.95 | 19.72 | NA | NA | 663.09 | 663.09 |
| | | | 09/26/19 | NP | 9.2 | 19.56 | NA | NA | 660.84 | 660.84 |
| | | | 11/04/19 | NP | 8.14 | 19.73 | NA | NA | 661.90 | 661.90 |
| | | | 02/05/20 | NP | 7.2 | NM | NA | NA | 662.84 | 662.84 |
| | | | 05/18/20 | NP | 6.64 | 19.72 | NA | NA | 663.40 | 663.40 |
| | | | 08/17/20 | NP | 8.24 | NM | NA | NA | 661.80 | 661.80 |
| | | | 11/20/20 | NP | 9.12 | NM[5] | NA | NA | 660.92 | 660.92 |
| | | | 12/17/20 | NP | 8.85 | 19.58 | NA | NA | 661.19 | 661.19 |
| | | | 02/08/21 | NP | 8.98 | 19.58 | NA | NA | 661.06 | 661.06 |
| | | | 03/23/21 | NP | 7 | NM | NA | NA | 663.04 | 663.04 |
| | | | 05/03/21 | NP | 8.55 | 19.74 | NA | NA | 661.49 | 661.49 |
| | | | 08/17/21 | NP | 6.83 | 19.72 | NA | NA | 663.21 | 663.21 |
| | | | 12/07/21 | NP | 7.35 | 19.60 | NA | NA | 662.69 | 662.69 |
| | | | 02/14/22 | NP | 8.28 | 19.74 | NA | NA | 661.76 | 661.76 |
| MW-55 | 670.04 | 15.0-20.0 | 05/12/22 | NP | 6.8 | 19.70 | NA | NA | 663.24 | 663.24 |
| | | | 08/11/22 | NP | 8.3 | 19.70 | NA | NA | 661.74 | 661.74 |
| | | | 11/10/22 | NP | 9.58 | 19.56 | NA | NA | 660.46 | 660.46 |
| | | | 02/21/23 | NP | 8.36 | 19.55 | NA | NA | 661.68 | 661.68 |
| | | | 05/10/23 | NP | 7.43 | 19.60 | NA | NA | 662.61 | 662.61 |
| | | | 08/02/23 | NP | 8.35 | 19.76 | NA | NA | 661.69 | 661.69 |
| | | | 10/31/23 | NP | 9.07 | 19.70 | NA | NA | 660.97 | 660.97 |
| | | | 02/20/24 | NP | 7.7 | 19.74 | NA | NA | 662.34 | 662.34 |
| | | | 05/07/24 | NP | 7.31 | 19.71 | NA | NA | 662.73 | 662.73 |
| | | | 07/30/24 | NP | 7.89 | 19.72 | NA | NA | 662.15 | 662.15 |
| | | | 11/05/24 | NP | 9.31 | 19.75 | NA | NA | 660.73 | 660.73 |
| | | | 02/11/25 | NP | 8.86 | 19.76 | NA | NA | 661.18 | 661.18 |
| | | | 04/29/25 | NP | 7.85 | 19.72 | NA | NA | 662.19 | 662.19 |
| MW-55D | 670.17 | 19.0-24.0 | 06/14/19 | NP | 7.04 | 23.82 | NA | NA | 663.13 | 663.13 |
| | | | 09/26/19 | NP | 9.46 | 23.65 | NA | NA | 660.71 | 660.71 |
| | | | 11/04/19 | NP | 8.12 | 23.45 | NA | NA | 662.05 | 662.05 |
| | | | 02/05/20 | NP | 7.59 | NM | NA | NA | 662.58 | 662.58 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 8.32 | NM | NA | NA | 661.85 | 661.85 |
| | | | 11/20/20 | NP | 9.22 | NM[5] | NA | NA | 660.95 | 660.95 |
| | | | 12/17/20 | NP | 8.93 | 23.56 | NA | NA | 661.24 | 661.24 |
| | | | 02/08/21 | NP | 9.11 | 23.56 | NA | NA | 661.06 | 661.06 |
| | | | 05/03/21 | NP | 8.62 | 23.59 | NA | NA | 661.55 | 661.55 |
| | | | 08/17/21 | NP | 6.92 | 23.59 | NA | NA | 663.25 | 663.25 |
| | | | 12/07/21 | NP | 7.43 | 23.60 | NA | NA | 662.74 | 662.74 |
| | | | 02/14/22 | NP | 8.37 | 23.60 | NA | NA | 661.80 | 661.80 |
| | | | 05/12/22 | NP | 8.87 | 23.57 | NA | NA | 661.30 | 661.30 |
| | | | 08/11/22 | NP | 8.93 | 23.58 | NA | NA | 661.24 | 661.24 |
| | | | 11/10/22 | NP | 9.68 | 23.60 | NA | NA | 660.49 | 660.49 |
| | | | 02/21/23 | NP | 8.49 | 23.50 | NA | NA | 661.68 | 661.68 |
| | | | 05/10/23 | NP | 7.52 | 23.57 | NA | NA | 662.65 | 662.65 |
| | | | 08/02/23 | NP | 8.43 | 23.58 | NA | NA | 661.74 | 661.74 |
| | | | 10/31/23 | NP | 9.17 | 23.50 | NA | NA | 661.00 | 661.00 |
| | | | 02/20/24 | NP | 7.81 | 23.52 | NA | NA | 662.36 | 662.36 |
| | | | 05/07/24 | NP | 7.41 | 23.52 | NA | NA | 662.76 | 662.76 |
| | | | 07/30/24 | NP | 7.99 | 23.52 | NA | NA | 662.18 | 662.18 |
| | | | 11/05/24 | NP | 9.41 | 23.53 | NA | NA | 660.76 | 660.76 |
| | | | 02/11/25 | NP | 9.55 | 23.55 | NA | NA | 660.62 | 660.62 |
| | | | 04/29/25 | NP | 8.22 | 23.52 | NA | NA | 661.95 | 661.95 |
| MW-57 | 668.93 | 17.0-22.0 | 04/19/17 | NP | 5.89 | 21.72 | NA | NA | 663.04 | 663.04 |
| | | | 07/24/17 | NP | 7.83 | 21.63 | NA | NA | 661.10 | 661.10 |
| | | | 11/06/17 | NP | 8.12 | 21.83 | NA | NA | 660.81 | 660.81 |
| | | | 02/06/18 | NP | 7.86 | 21.80 | NA | NA | 661.07 | 661.07 |
| | | | 05/07/18 | NP | 5.79 | 21.73 | NA | NA | 663.14 | 663.14 |
| | | | 08/16/18 | NP | 7.59 | NM | NA | NA | 661.34 | 661.34 |
| | | | 11/19/18 | NP | 6.78 | NM | NA | NA | 662.15 | 662.15 |
| | | | 02/22/19 | NP | 6.73 | 21.66 | NA | NA | 662.20 | 662.20 |
| | | | 06/14/19 | NP | 5.75 | 21.66 | NA | NA | 663.18 | 663.18 |
| | | | 09/26/19 | NP | 8.03 | 21.68 | NA | NA | 660.90 | 660.90 |
| | | | 11/04/19 | NP | 7.13 | 21.71 | NA | NA | 661.80 | 661.80 |
| | | | 02/05/20 | NP | 6.23 | NM | NA | NA | 662.70 | 662.70 |
| | | | 05/18/20 | NP | 5.72 | 21.66 | NA | NA | 663.21 | 663.21 |
| | | | 08/17/20 | NP | 7.39 | NM | NA | NA | 661.54 | 661.54 |
| | | | 11/20/20 | NP | 8.16 | NM[5] | NA | NA | 660.77 | 660.77 |
| | | | 12/17/20 | NP | 9 | 21.68 | NA | NA | 659.93 | 659.93 |
| | | | 02/08/21 | NP | 8.09 | 21.68 | NA | NA | 660.84 | 660.84 |
| | | | 03/23/21 | NP | 7.77 | NM | NA | NA | 661.16 | 661.16 |
| | | | 05/03/21 | NP | 7.46 | 21.61 | NA | NA | 661.47 | 661.47 |
| | | | 08/17/21 | NP | 5.72 | 21.68 | NA | NA | 663.21 | 663.21 |
| | | | 12/07/21 | NP | 6.15 | 21.70 | NA | NA | 662.78 | 662.78 |
| | | | 02/14/22 | NP | 6.93 | 21.68 | NA | NA | 662.00 | 662.00 |
| | | | 05/12/22 | NP | 5.55 | 21.64 | NA | NA | 663.38 | 663.38 |
| | | | 08/11/22 | NP | 7.02 | 21.67 | NA | NA | 661.91 | 661.91 |
| | | | 11/10/22 | NP | 8.58 | 21.66 | NA | NA | 660.35 | 660.35 |
| | | | 02/21/23 | NP | 7.46 | 21.65 | NA | NA | 661.47 | 661.47 |
| | | | 05/10/23 | NP | 6.23 | 21.68 | NA | NA | 662.70 | 662.70 |
| | | | 08/02/23 | NP | 7.04 | 21.68 | NA | NA | 661.89 | 661.89 |
| | | | 10/31/23 | NP | 8.06 | 21.65 | NA | NA | 660.87 | 660.87 |
| | | | 02/20/24 | NP | 6.69 | 21.69 | NA | NA | 662.24 | 662.24 |
| | | | 05/07/24 | NP | 6.19 | 21.65 | NA | NA | 662.74 | 662.74 |
| | | | 07/30/24 | NP | 6.85 | 21.72 | NA | NA | 662.08 | 662.08 |
| | | | 11/05/24 | NP | 8.32 | 21.70 | NA | NA | 660.61 | 660.61 |
| | | | 02/11/25 | NP | 7.89 | 21.69 | NA | NA | 661.04 | 661.04 |
| | | | 04/29/25 | NP | 6.75 | 21.64 | NA | NA | 662.18 | 662.18 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-62 | 671.06 | 16.3-21.3 | 04/20/17 | NP | 7.89 | 21.13 | NA | NA | 663.17 | 663.17 |
| | | | 07/24/17 | NP | 10.11 | 21.01 | NA | NA | 660.95 | 660.95 |
| | | | 11/06/17 | NP | 9.43 | 21.14 | NA | NA | 661.63 | 661.63 |
| | | | 02/05/18 | NP | 9.46 | 21.15 | NA | NA | 661.60 | 661.60 |
| | | | 05/07/18 | NP | 7.72 | 21.15 | NA | NA | 663.34 | 663.34 |
| | | | 08/16/18 | NP | 8.75 | NM | NA | NA | 662.31 | 662.31 |
| | | | 11/19/18 | NP | 8.46 | NM | NA | NA | 662.60 | 662.60 |
| | | | 02/22/19 | NP | 8.52 | 21.13 | NA | NA | 662.54 | 662.54 |
| | | | 06/14/19 | NP | 7.87 | 21.15 | NA | NA | 663.19 | 663.19 |
| | | | 09/26/19 | NP | 9.14 | 21.12 | NA | NA | 661.92 | 661.92 |
| | | | 11/04/19 | NP | 8.6 | 21.12 | NA | NA | 662.46 | 662.46 |
| | | | 02/05/20 | NP | 8.23 | NM | NA | NA | 662.83 | 662.83 |
| | | | 04/01/20 | NP | 8.32 | NM | NA | NA | 662.74 | 662.74 |
| | | | 05/18/20 | NP | 8.13 | 21.12 | NA | NA | 662.93 | 662.93 |
| | | | 08/17/20 | NP | 8.93 | NM | NA | NA | 662.13 | 662.13 |
| | | | 11/20/20 | NP | 9.55 | NM[(5)] | NA | NA | 661.51 | 661.51 |
| | | | 12/17/20 | NP | 9.63 | 21.15 | NA | NA | 661.43 | 661.43 |
| | | | 02/08/21 | NP | 9.73 | 21.15 | NA | NA | 661.33 | 661.33 |
| | | | 03/23/21 | NP | 9.55 | NM | NA | NA | 661.51 | 661.51 |
| | | | 05/03/21 | NP | 9.1 | 21.15 | NA | NA | 661.96 | 661.96 |
| | | | 08/17/21 | NP | 7.65 | 21.16 | NA | NA | 663.41 | 663.41 |
| | | | 12/07/21 | NP | 7.85 | 21.16 | NA | NA | 663.21 | 663.21 |
| | | | 02/14/22 | NP | 8.58 | 21.13 | NA | NA | 662.48 | 662.48 |
| | | | 05/12/22 | NP | 7.11 | 21.12 | NA | NA | 663.95 | 663.95 |
| | | | 08/11/22 | NP | 8.1 | 21.12 | NA | NA | 662.96 | 662.96 |
| | | | 02/21/23 | NP | 8.92 | 21.12 | NA | NA | 662.14 | 662.14 |
| | | | 05/10/23 | NP | 7.65 | 21.14 | NA | NA | 663.41 | 663.41 |
| | | | 08/02/23 | NP | 8.12 | 21.16 | NA | NA | 662.94 | 662.94 |
| | | | 10/31/23 | NP | 9.13 | 21.11 | NA | NA | 661.93 | 661.93 |
| | | | 02/20/24 | NP | 7.95 | 21.14 | NA | NA | 663.11 | 663.11 |
| | | | 05/07/24 | NP | 7.47 | 21.14 | NA | NA | 663.59 | 663.59 |
| | | | 07/30/24 | NP | 7.7 | 21.11 | NA | NA | 663.36 | 663.36 |
| | | | 11/05/24 | NP | 7.82 | 21.11 | NA | NA | 663.24 | 663.24 |
| | | | 02/11/25 | NP | 9.11 | 21.10 | NA | NA | 661.95 | 661.95 |
| | | | 04/29/25 | NP | 8.14 | 21.17 | NA | NA | 662.92 | 662.92 |
| MW-63 | 669.96 | 7.0-12.0 | 04/20/17 | NP | 7.32 | 11.75 | NA | NA | 662.64 | 662.64 |
| | | | 07/24/17 | NP | 8.45 | 11.78 | NA | NA | 661.51 | 661.51 |
| | | | 11/06/17 | NP | 8.18 | 11.80 | NA | NA | 661.78 | 661.78 |
| | | | 02/05/18 | NP | 8.77 | 11.80 | NA | NA | 661.19 | 661.19 |
| | | | 05/07/18 | NP | 7.24 | 11.80 | NA | NA | 662.72 | 662.72 |
| | | | 08/16/18 | NP | 7.82 | NM | NA | NA | 662.14 | 662.14 |
| | | | 11/19/18 | NP | 7.89 | NM | NA | NA | 662.07 | 662.07 |
| | | | 02/22/19 | NP | 8.36 | 11.79 | NA | NA | 661.60 | 661.60 |
| | | | 06/19/19 | NP | 7.55 | 11.78 | NA | NA | 662.41 | 662.41 |
| | | | 09/26/19 | NP | 8.22 | 11.78 | NA | NA | 661.74 | 661.74 |
| | | | 11/04/19 | NP | 7.68 | 11.77 | NA | NA | 662.28 | 662.28 |
| | | | 02/05/20 | NP | 7.86 | NM | NA | NA | 662.10 | 662.10 |
| | | | 04/01/20 | NP | 7.88 | NM | NA | NA | 662.08 | 662.08 |
| | | | 05/18/20 | NP | 7.6 | 11.78 | NA | NA | 662.36 | 662.36 |
| | | | 08/17/20 | NP | 7.93 | NM | NA | NA | 662.03 | 662.03 |
| | | | 11/20/20 | NP | 8.52 | NM[(5)] | NA | NA | 661.44 | 661.44 |
| | | | 12/17/20 | NP | 8.85 | 11.80 | NA | NA | 661.11 | 661.11 |
| | | | 02/08/21 | NP | 8.97 | 11.80 | NA | NA | 660.99 | 660.99 |
| | | | 03/23/21 | NP | 8.89 | NM | NA | NA | 661.07 | 661.07 |
| | | | 05/03/21 | NP | 8.16 | 11.80 | NA | NA | 661.80 | 661.80 |
| | | | 08/17/21 | NP | 6.81 | 11.81 | NA | NA | 663.15 | 663.15 |
| | | | 12/07/21 | NP | 6.84 | 11.81 | NA | NA | 663.12 | 663.12 |
| | | | 02/14/22 | NP | 7.51 | 11.82 | NA | NA | 662.45 | 662.45 |
| | | | 05/12/22 | NP | 6.1 | 11.80 | NA | NA | 663.86 | 663.86 |
| | | | 08/11/22 | NP | 6.79 | 11.78 | NA | NA | 663.17 | 663.17 |
| | | | 02/21/23 | NP | 7.84 | 11.71 | NA | NA | 662.12 | 662.12 |
| | | | 05/10/23 | NP | 6.54 | 11.82 | NA | NA | 663.42 | 663.42 |
| | | | 08/02/23 | NP | 6.89 | 11.80 | NA | NA | 663.07 | 663.07 |
| | | | 10/31/23 | NP | 7.84 | 11.75 | NA | NA | 662.12 | 662.12 |
| | | | 02/20/24 | NP | 6.93 | 11.75 | NA | NA | 663.03 | 663.03 |
| | | | 05/07/24 | NP | 6.27 | 11.75 | NA | NA | 663.69 | 663.69 |
| | | | 07/30/24 | NP | 6.35 | 11.80 | NA | NA | 663.61 | 663.61 |
| | | | 11/05/24 | NP | 6.49 | 11.80 | NA | NA | 663.47 | 663.47 |
| | | | 02/11/25 | NP | 7.92 | 11.75 | NA | NA | 662.04 | 662.04 |
| | | | 04/29/25 | NP | 6.96 | 11.75 | NA | NA | 663.00 | 663.00 |
| MW-64 | 671.09 | 15.0-20.0 | 04/20/17 | NP | 8.55 | 21.10 | NA | NA | 662.54 | 662.54 |
| | | | 07/24/17 | NP | 9.83 | 20.05 | NA | NA | 661.26 | 661.26 |
| | | | 11/06/17 | NP | 10.2 | 20.36 | NA | NA | 660.89 | 660.89 |
| | | | 02/06/18 | NP | 10.14 | 20.19 | NA | NA | 660.95 | 660.95 |
| | | | 05/07/18 | NP | 8.44 | 20.05 | NA | NA | 662.65 | 662.65 |
| | | | 08/16/18 | NP | 9.42 | NM | NA | NA | 661.67 | 661.67 |
| | | | 11/19/18 | NP | 9.12 | NM | NA | NA | 661.97 | 661.97 |
| | | | 02/28/19 | NP | 9.05 | 20.20 | NA | NA | 662.04 | 662.04 |
| | | | 06/14/19 | NP | 8.3 | 20.00 | NA | NA | 662.79 | 662.79 |
| | | | 09/26/19 | NP | 9.71 | 20.01 | NA | NA | 661.38 | 661.38 |
| | | | 11/04/19 | NP | 9.45 | 20.01 | NA | NA | 661.64 | 661.64 |
| | | | 02/05/20 | NP | 8.99 | NM | NA | NA | 662.10 | 662.10 |
| | | | 05/18/20 | NP | 8.79 | 20.05 | NA | NA | 662.30 | 662.30 |
| | | | 08/17/20 | NP | 9.57 | NM | NA | NA | 661.52 | 661.52 |
| | | | 11/20/20 | NP | 10.18 | NM[(5)] | NA | NA | 660.91 | 660.91 |
| | | | 12/17/20 | NP | 10.23 | 20.02 | NA | NA | 660.86 | 660.86 |
| | | | 02/08/21 | NP | 10.21 | 20.02 | NA | NA | 660.88 | 660.88 |
| | | | 03/23/21 | NP | 10.05 | NM | NA | NA | 661.04 | 661.04 |
| | | | 05/03/21 | NP | 9.01 | 20.02 | NA | NA | 662.08 | 662.08 |
| | | | 08/17/21 | NP | 8.59 | 20.03 | NA | NA | 662.50 | 662.50 |
| | | | 12/07/21 | NP | 8.53 | 20.10 | NA | NA | 662.56 | 662.56 |
| | | | 02/14/22 | NP | 9.94 | 20.01 | NA | NA | 661.15 | 661.15 |
| | | | 05/12/22 | NP | 7.72 | 20.01 | NA | NA | 663.37 | 663.37 |
| | | | 08/11/22 | NP | 9.05 | 20.07 | NA | NA | 662.04 | 662.04 |
| | | | 11/10/22 | NP | 10.27 | 20.07 | NA | NA | 660.82 | 660.82 |
| | | | 02/21/23 | NP | 9.73 | 20.04 | NA | NA | 661.36 | 661.36 |
| | | | 05/10/23 | NP | 8.25 | 20.04 | NA | NA | 662.84 | 662.84 |
| | | | 08/02/23 | NP | 8.99 | 20.05 | NA | NA | 662.10 | 662.10 |
| | | | 10/31/23 | NP | 9.81 | 20.05 | NA | NA | 661.28 | 661.28 |
| | | | 02/20/24 | NP | 8.66 | 20.05 | NA | NA | 662.43 | 662.43 |
| | | | 05/07/24 | NP | 8.13 | 20.03 | NA | NA | 662.96 | 662.96 |
| | | | 07/30/24 | NP | 8.37 | 20.03 | NA | NA | 662.72 | 662.72 |
| | | | 11/05/24 | NP | 9.83 | 20.03 | NA | NA | 661.26 | 661.26 |
| | | | 02/11/25 | NP | 9.66 | 20.04 | NA | NA | 661.43 | 661.43 |
| | | | 04/29/25 | NP | 8.62 | 20.03 | NA | NA | 662.47 | 662.47 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-67 | 671.32 | 9.0-14.0 | 04/20/17 | NP | 9.44 | 13.97 | NA | NA | 661.88 | 661.88 |
| | | | 07/24/17 | NP | 9.84 | 13.84 | NA | NA | 661.48 | 661.48 |
| | | | 11/06/17 | NP | 9.76 | 14.01 | NA | NA | 661.56 | 661.56 |
| | | | 02/05/18 | NP | 10 | 14.02 | NA | NA | 661.32 | 661.32 |
| | | | 05/07/18 | NP | 9.14 | 14.01 | NA | NA | 662.18 | 662.18 |
| | | | 08/16/18 | NP | 9.48 | NM | NA | NA | 661.84 | 661.84 |
| | | | 11/19/18 | NP | 9.3 | NM | NA | NA | 662.02 | 662.02 |
| | | | 02/28/19 | NP | 9.89 | 14.12 | NA | NA | 661.43 | 661.43 |
| | | | 06/14/19 | NP | 9.02 | 14.03 | NA | NA | 662.30 | 662.30 |
| | | | 09/26/19 | NP | 9.59 | 14.00 | NA | NA | 661.73 | 661.73 |
| | | | 11/04/19 | NP | 9.38 | 14.00 | NA | NA | 661.94 | 661.94 |
| | | | 02/05/20 | NP | 9.7 | NM | NA | NA | 661.62 | 661.62 |
| | | | 05/18/20 | NP | 9.57 | 14.02 | NA | NA | 661.75 | 661.75 |
| | | | 08/17/20 | NP | 9.66 | NM | NA | NA | 661.66 | 661.66 |
| | | | 11/20/20 | NP | 9.95 | NM[(5)] | NA | NA | 661.37 | 661.37 |
| | | | 12/17/20 | NP | 10.15 | 14.50 | NA | NA | 661.17 | 661.17 |
| | | | 02/08/21 | NP | 10.21 | 14.02 | NA | NA | 661.11 | 661.11 |
| | | | 03/23/21 | NP | 10.28 | NM | NA | NA | 661.04 | 661.04 |
| | | | 05/03/21 | NP | 9.97 | 14.03 | NA | NA | 661.35 | 661.35 |
| | | | 08/17/21 | NP | 8.7 | 14.02 | NA | NA | 662.62 | 662.62 |
| | | | 12/07/21 | NP | 8.72 | 13.80 | NA | NA | 662.60 | 662.60 |
| | | | 02/14/22 | NP | 8.97 | 13.78 | NA | NA | 662.35 | 662.35 |
| MW-67 | 671.32 | 9.0-14.0 | 05/12/22 | NP | 7.82 | 13.63 | NA | NA | 663.50 | 663.50 |
| | | | 08/11/22 | NP | 8.25 | 13.58 | NA | NA | 663.07 | 663.07 |
| | | | 11/10/22 | NP | 9.32 | 13.68 | NA | NA | 662.00 | 662.00 |
| | | | 02/21/23 | NP | 9.15 | 13.65 | NA | NA | 662.17 | 662.17 |
| | | | 05/10/23 | NP | 7.89 | 13.64 | NA | NA | 663.43 | 663.43 |
| | | | 08/02/23 | NP | 8.11 | 13.66 | NA | NA | 663.21 | 663.21 |
| | | | 10/31/23 | NP | 8.79 | 13.63 | NA | NA | 662.53 | 662.53 |
| | | | 02/20/24 | NP | 8.18 | 13.66 | NA | NA | 663.14 | 663.14 |
| | | | 05/07/24 | NP | 7.63 | 13.63 | NA | NA | 663.69 | 663.69 |
| | | | 07/30/24 | NP | 7.41 | 13.64 | NA | NA | 663.91 | 663.91 |
| | | | 11/05/24 | NP | 8.75 | 13.65 | NA | NA | 662.57 | 662.57 |
| | | | 02/11/25 | NP | 8.76 | 13.64 | NA | NA | 662.56 | 662.56 |
| | | | 04/29/25 | NP | 7.82 | 13.63 | NA | NA | 663.50 | 663.50 |
| MW-68 | 670.71 | 15.0-20.0 | 04/20/17 | NP | 9.39 | 21.85 | NA | NA | 661.32 | 661.32 |
| | | | 07/24/17 | NP | 9.55 | 19.86 | NA | NA | 661.16 | 661.16 |
| | | | 11/06/17 | NP | 9.51 | 19.85 | NA | NA | 661.20 | 661.20 |
| | | | 02/05/18 | NP | 9.68 | 19.85 | NA | NA | 661.03 | 661.03 |
| | | | 05/15/18 | NP | 8.68 | 19.82 | NA | NA | 662.03 | 662.03 |
| | | | 08/16/18 | NP | 9.04 | NM | NA | NA | 661.67 | 661.67 |
| | | | 11/19/18 | NP | 9.17 | 19.79 | NA | NA | 661.54 | 661.54 |
| | | | 03/08/19 | NP | 9.69 | 15.29 | NA | NA | 661.02 | 661.02 |
| | | | 06/14/19 | NP | 8.75 | 19.85 | NA | NA | 661.96 | 661.96 |
| | | | 09/26/19 | NP | 9.47 | 19.79 | NA | NA | 661.24 | 661.24 |
| | | | 11/04/19 | NP | 9.35 | 19.81 | NA | NA | 661.36 | 661.36 |
| | | | 02/05/20 | NP | 9.58 | NM | NA | NA | 661.13 | 661.13 |
| | | | 04/01/20 | NP | 9.35 | NM | NA | NA | 661.36 | 661.36 |
| | | | 05/18/20 | NP | 9.38 | 19.80 | NA | NA | 661.33 | 661.33 |
| | | | 08/17/20 | NP | 9.39 | NM | NA | NA | 661.32 | 661.32 |
| | | | 11/20/20 | NP | 9.68 | NM[(5)] | NA | NA | 661.03 | 661.03 |
| | | | 12/17/20 | NP | 9.8 | 19.84 | NA | NA | 660.91 | 660.91 |
| | | | 02/08/21 | NP | 10 | 19.82 | NA | NA | 660.71 | 660.71 |
| | | | 03/23/21 | NP | 10.01 | NM | NA | NA | 660.70 | 660.70 |
| | | | 05/03/21 | NP | 9.77 | 19.82 | NA | NA | 660.94 | 660.94 |
| | | | 08/17/21 | NP | 8.6 | 19.83 | NA | NA | 662.11 | 662.11 |
| | | | 12/07/21 | NP | 8.64 | 19.83 | NA | NA | 662.07 | 662.07 |
| | | | 02/14/22 | NP | 8.94 | 19.83 | NA | NA | 661.77 | 661.77 |
| | | | 05/12/22 | NP | 7.09 | 19.81 | NA | NA | 663.62 | 663.62 |
| | | | 08/11/22 | NP | 8.22 | 19.63 | NA | NA | 662.49 | 662.49 |
| | | | 02/21/23 | NP | 9.21 | 19.63 | NA | NA | 661.50 | 661.50 |
| | | | 05/10/23 | NP | 7.97 | 19.72 | NA | NA | 662.74 | 662.74 |
| | | | 08/02/23 | NP | 8.11 | 19.43 | NA | NA | 662.60 | 662.60 |
| | | | 10/31/23 | NP | 8.79 | 19.63 | NA | NA | 661.92 | 661.92 |
| | | | 02/20/24 | NP | 8.29 | 19.62 | NA | NA | 662.42 | 662.42 |
| | | | 05/07/24 | NP | 7.76 | 19.61 | NA | NA | 662.95 | 662.95 |
| | | | 07/30/24 | NP | 7.45 | 19.67 | NA | NA | 663.26 | 663.26 |
| | | | 11/05/24 | NP | 7.53 | 19.67 | NA | NA | 663.18 | 663.18 |
| | | | 02/11/25 | NP | 8.68 | 19.63 | NA | NA | 662.03 | 662.03 |
| | | | 04/29/25 | NP | 7.82 | 19.65 | NA | NA | 662.89 | 662.89 |
| MW-69 | 670.27 | 15.0-20.0 | 04/20/17 | NP | 9.71 | 19.91 | NA | NA | 660.56 | 660.56 |
| | | | 07/24/17 | NP | NM | NM | NA | NA | NM | NM |
| | | | 11/06/17 | NP | 9.91 | 19.98 | NA | NA | 660.36 | 660.36 |
| | | | 02/05/18 | NP | 9.78 | 20.01 | NA | NA | 660.49 | 660.49 |
| | | | 05/07/18 | NP | 14.78 | 19.91 | NA | NA | 655.49 | 655.49 |
| | | | 08/16/18 | NP | 8.9 | NM | NA | NA | 661.37 | 661.37 |
| | | | 11/19/18 | NP | 8.79 | NM | NA | NA | 661.48 | 661.48 |
| | | | 02/22/19 | NP | 9.3 | 19.98 | NA | NA | 660.97 | 660.97 |
| | | | 06/14/19 | NM | NM | NM | NA | NA | NA | NA |
| | | | 09/26/19 | NP | 9.35 | 19.92 | NA | NA | 660.92 | 660.92 |
| | | | 11/04/19 | NP | 9.46 | 19.91 | NA | NA | 660.81 | 660.81 |
| | | | 02/05/20 | NP | 9.29 | NM | NA | NA | 660.98 | 660.98 |
| MW-69 | 670.27 | 15.0-20.0 | 05/18/20 | NP | 9.28 | 19.90 | NA | NA | 660.99 | 660.99 |
| | | | 08/17/20 | NP | 9.32 | NM | NA | NA | 660.95 | 660.95 |
| | | | 11/20/20 | NP | 9.8 | NM[(5)] | NA | NA | 660.47 | 660.47 |
| | | | 12/17/20 | NP | 9.87 | 19.94 | NA | NA | 660.40 | 660.40 |
| | | | 02/08/21 | NP | 10.11 | 19.88 | NA | NA | 660.16 | 660.16 |
| | | | 03/23/21 | NP | 10.29 | NM | NA | NA | 659.98 | 659.98 |
| | | | 05/03/21 | NP | 9.99 | 19.90 | NA | NA | 660.28 | 660.28 |
| | | | 08/17/21 | NP | 8.95 | 19.96 | NA | NA | 661.32 | 661.32 |
| | | | 12/07/21 | NP | 8.9 | 20.00 | NA | NA | 661.37 | 661.37 |
| | | | 02/14/22 | NP | 8.92 | 19.97 | NA | NA | 661.35 | 661.35 |
| | | | 05/12/22 | NP | 8.33 | 19.93 | NA | NA | 661.94 | 661.94 |
| | | | 08/11/22 | NP | 8.8 | 19.92 | NA | NA | 661.47 | 661.47 |
| | | | 11/10/22 | NP | 9.86 | 19.93 | NA | NA | 660.41 | 660.41 |
| | | | 02/21/23 | NP | 9.95 | 19.90 | NA | NA | 660.32 | 660.32 |
| | | | 05/10/23 | NP | 8.81 | 19.89 | NA | NA | 661.46 | 661.46 |
| | | | 08/02/23 | NP | 8.96 | 19.91 | NA | NA | 661.31 | 661.31 |
| | | | 10/31/23 | NP | 9.59 | 19.90 | NA | NA | 660.68 | 660.68 |
| | | | 02/20/24 | NP | 9.24 | 19.90 | NA | NA | 661.03 | 661.03 |
| | | | 05/07/24 | NP | 8.74 | 19.88 | NA | NA | 661.53 | 661.53 |
| | | | 07/30/24 | NP | 8.27 | 19.92 | NA | NA | 662.00 | 662.00 |
| | | | 11/05/24 | NP | 9.37 | 19.87 | NA | NA | 660.90 | 660.90 |
| | | | 02/11/25 | NP | 9.84 | 19.85 | NA | NA | 660.43 | 660.43 |
| | | | 04/29/25 | NP | 9.05 | 19.85 | NA | NA | 661.22 | 661.22 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-70 | 671.36 | 15.0-20.0 | 04/20/17 | NP | 11.46 | 20.14 | NA | NA | 659.90 | 659.90 |
| | | | 07/24/17 | NP | 11.02 | 20.18 | NA | NA | 660.34 | 660.34 |
| | | | 11/06/17 | NP | 10.23 | 20.15 | NA | NA | 661.13 | 661.13 |
| | | | 02/05/18 | NP | 10.74 | 20.12 | NA | NA | 660.62 | 660.62 |
| | | | 05/07/18 | NP | 9.72 | 20.13 | NA | NA | 661.64 | 661.64 |
| | | | 08/16/18 | NP | 9.67 | NM | NA | NA | 661.69 | 661.69 |
| | | | 11/19/18 | NP | 10.4 | 20.09 | NA | NA | 660.96 | 660.96 |
| | | | 02/22/19 | NP | 11.13 | 15.30 | NA | NA | 660.23 | 660.23 |
| | | | 06/14/19 | NP | 9.82 | 20.09 | NA | NA | 661.54 | 661.54 |
| | | | 09/26/19 | NP | 10.77 | 20.11 | NA | NA | 660.59 | 660.59 |
| | | | 11/04/19 | NP | 10.91 | 20.10 | NA | NA | 660.45 | 660.45 |
| | | | 02/05/20 | NP | 11.5 | NM | NA | NA | 659.86 | 659.86 |
| | | | 05/18/20 | NP | 11.56 | 20.12 | NA | NA | 659.80 | 659.80 |
| | | | 08/17/20 | NP | 10.93 | NM | NA | NA | 660.43 | 660.43 |
| | | | 11/20/20 | NP | 11.29 | NM[5] | NA | NA | 660.07 | 660.07 |
| | | | 12/17/20 | NP | 11.68 | 20.14 | NA | NA | 659.68 | 659.68 |
| | | | 02/08/21 | NP | 11.9 | 20.11 | NA | NA | 659.46 | 659.46 |
| | | | 03/23/21 | NP | 12.35 | NM | NA | NA | 659.01 | 659.01 |
| | | | 05/03/21 | NP | 11.89 | 20.11 | NA | NA | 659.47 | 659.47 |
| | | | 08/17/21 | NP | 10.49 | 20.11 | NA | NA | 660.87 | 660.87 |
| | | | 12/07/21 | NP | 10.72 | 20.10 | NA | NA | 660.64 | 660.64 |
| | | | 02/14/22 | NP | 10.6 | 20.12 | NA | NA | 660.76 | 660.76 |
| | | | 05/12/22 | NP | 9.51 | 20.10 | NA | NA | 661.85 | 661.85 |
| | | | 08/11/22 | NP | 9.51 | 20.13 | NA | NA | 661.85 | 661.85 |
| | | | 11/10/22 | NP | 10.68 | 20.11 | NA | NA | 660.68 | 660.68 |
| | | | 02/21/23 | NP | 9.41 | 20.11 | NA | NA | 661.95 | 661.95 |
| | | | 05/10/23 | NP | 9.5 | 20.11 | NA | NA | 661.86 | 661.86 |
| | | | 08/02/23 | NP | 9.38 | 20.13 | NA | NA | 661.98 | 661.98 |
| | | | 10/31/23 | NP | 10.2 | 20.10 | NA | NA | 661.16 | 661.16 |
| | | | 02/20/24 | NP | 10.02 | 20.12 | NA | NA | 661.34 | 661.34 |
| | | | 05/07/24 | NP | 9.63 | 20.10 | NA | NA | 661.73 | 661.73 |
| | | | 07/30/24 | NP | 8.91 | 20.11 | NA | NA | 662.45 | 662.45 |
| | | | 11/05/24 | NP | 9.78 | 20.11 | NA | NA | 661.58 | 661.58 |
| | | | 02/11/25 | NP | 10.72 | 20.10 | NA | NA | 660.64 | 660.64 |
| | | | 04/29/25 | NP | 9.76 | 20.10 | NA | NA | 661.60 | 661.60 |
| MW-71 | 671.04 | 15.0-20.0 | 04/20/17 | NP | 12.45 | 20.16 | NA | NA | 658.59 | 658.59 |
| | | | 07/24/17 | NP | 11.84 | 20.22 | NA | NA | 659.20 | 659.20 |
| | | | 11/06/17 | NP | 10.74 | 20.21 | NA | NA | 660.30 | 660.30 |
| | | | 02/05/18 | NP | 11.13 | 20.18 | NA | NA | 659.91 | 659.91 |
| | | | 05/07/18 | NP | 10.23 | 20.35 | NA | NA | 660.81 | 660.81 |
| | | | 08/16/18 | NP | 9.79 | NM | NA | NA | 661.25 | 661.25 |
| | | | 11/19/18 | NP | 11.03 | 20.14 | NA | NA | 660.01 | 660.01 |
| | | | 02/22/19 | NP | 11.66 | 20.24 | NA | NA | 659.38 | 659.38 |
| | | | 06/14/19 | NP | 10.91 | 20.15 | NA | NA | 660.13 | 660.13 |
| | | | 09/26/19 | NP | 11.12 | 20.17 | NA | NA | 659.92 | 659.92 |
| | | | 11/04/19 | NP | 11.84 | 20.15 | NA | NA | 659.20 | 659.20 |
| | | | 02/05/20 | NP | 12.59 | NM | NA | NA | 658.45 | 658.45 |
| | | | 04/01/20 | NP | 12.99 | NM | NA | NA | 658.05 | 658.05 |
| | | | 05/18/20 | NP | 12.89 | 20.16 | NA | NA | 658.15 | 658.15 |
| | | | 08/17/20 | NP | 11.56 | NM | NA | NA | 659.48 | 659.48 |
| | | | 11/20/20 | NP | 11.79 | 20.16[5] | NA | NA | 659.25 | 659.25 |
| | | | 12/17/20 | NP | 12.88 | 20.19 | NA | NA | 658.16 | 658.16 |
| | | | 02/08/21 | NP | 12.64 | 20.15 | NA | NA | 658.40 | 658.40 |
| | | | 03/23/21 | NP | 13.54 | NM | NA | NA | 657.50 | 657.50 |
| | | | 05/03/21 | NP | 12.88 | 20.19 | NA | NA | 658.16 | 658.16 |
| | | | 08/17/21 | NP | 11.28 | 20.17 | NA | NA | 659.76 | 659.76 |
| | | | 12/07/21 | NP | 12.45 | 20.20 | NA | NA | 658.59 | 658.59 |
| | | | 02/14/22 | NP | 11.45 | 20.18 | NA | NA | 659.59 | 659.59 |
| | | | 05/12/22 | NP | 9.66 | 20.11 | NA | NA | 661.38 | 661.38 |
| | | | 08/11/22 | NP | 10.45 | 20.15 | NA | NA | 660.59 | 660.59 |
| | | | 02/21/23 | NP | 11.85 | 20.16 | NA | NA | 659.19 | 659.19 |
| | | | 05/10/23 | NP | 10.67 | 20.18 | NA | NA | 660.37 | 660.37 |
| | | | 08/02/23 | NP | 10.51 | 20.18 | NA | NA | 660.53 | 660.53 |
| | | | 10/31/23 | NP | 11.44 | 20.18 | NA | NA | 659.60 | 659.60 |
| | | | 02/20/24 | NP | 11.06 | 20.12 | NA | NA | 659.98 | 659.98 |
| | | | 05/07/24 | NP | 11.05 | 20.12 | NA | NA | 659.99 | 659.99 |
| | | | 07/30/24 | NP | 10.17 | 20.15 | NA | NA | 660.87 | 660.87 |
| | | | 11/05/24 | NP | 10.26 | 20.15 | NA | NA | 660.78 | 660.78 |
| | | | 02/11/25 | NP | 11.9 | 20.12 | NA | NA | 659.14 | 659.14 |
| | | | 04/29/25 | NP | 11.48 | 20.12 | NA | NA | 659.56 | 659.56 |
| MW-72 | 668.81 | 15.0-20.0 | 05/22/17 | NP | 6.98 | 19.31 | NA | NA | 661.83 | 661.83 |
| | | | 07/24/17 | NP | 8.6 | 19.60 | NA | NA | 660.21 | 660.21 |
| | | | 11/06/17 | NP | 9.2 | 19.54 | NA | NA | 659.61 | 659.61 |
| | | | 02/05/18 | NP | 8.58 | 19.86 | NA | NA | 660.23 | 660.23 |
| | | | 05/07/18 | NP | 6.83 | 19.63 | NA | NA | 661.98 | 661.98 |
| | | | 08/16/18 | NP | 8.68 | NM | NA | NA | 660.13 | 660.13 |
| | | | 11/19/18 | NP | 7.72 | 19.64 | NA | NA | 661.09 | 661.09 |
| | | | 02/22/19 | NP | 7.48 | 19.61 | NA | NA | 661.33 | 661.33 |
| | | | 06/14/19 | NP | 6.86 | 19.65 | NA | NA | 661.95 | 661.95 |
| | | | 09/26/19 | NP | 9.98 | 19.63 | NA | NA | 658.83 | 658.83 |
| | | | 11/04/19 | NP | 8.57 | 19.62 | NA | NA | 660.24 | 660.24 |
| | | | 02/05/20 | NP | 7.23 | NM | NA | NA | 661.58 | 661.58 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 8.76 | NM | NA | NA | 660.05 | 660.05 |
| | | | 11/20/20 | NP | 9.25 | NM[5] | NA | NA | 659.56 | 659.56 |
| | | | 02/08/21 | NP | 9.02 | 19.63 | NA | NA | 659.79 | 659.79 |
| | | | 05/03/21 | NP | 8.45 | 19.61 | NA | NA | 660.36 | 660.36 |
| | | | 08/17/21 | NP | 7.38 | 19.61 | NA | NA | 661.43 | 661.43 |
| | | | 12/07/21 | NP | 7.38 | 19.65 | NA | NA | 661.43 | 661.43 |
| | | | 02/14/22 | NP | 7.99 | 19.60 | NA | NA | 660.82 | 660.82 |
| | | | 05/12/22 | NP | 6.71 | 19.61 | NA | NA | 662.10 | 662.10 |
| | | | 08/11/22 | NP | 8.39 | 19.61 | NA | NA | 660.42 | 660.42 |
| | | | 11/10/22 | NP | 9.69 | 19.61 | NA | NA | 659.12 | 659.12 |
| | | | 02/21/23 | NP | 8.77 | 19.61 | NA | NA | 660.04 | 660.04 |
| | | | 05/10/23 | NP | 7.29 | 19.62 | NA | NA | 661.52 | 661.52 |
| | | | 08/02/23 | NP | 8.58 | 19.62 | NA | NA | 660.23 | 660.23 |
| | | | 10/31/23 | NP | 9.32 | 19.62 | NA | NA | 659.49 | 659.49 |
| | | | 02/20/24 | NP | 7.79 | 19.64 | NA | NA | 661.02 | 661.02 |
| | | | 05/07/24 | NP | 7.66 | 19.61 | NA | NA | 661.15 | 661.15 |
| | | | 07/30/24 | NP | 8.2 | 19.61 | NA | NA | 660.61 | 660.61 |
| | | | 11/05/24 | NP | 9.4 | 19.60 | NA | NA | 659.41 | 659.41 |
| | | | 02/11/25 | NP | 8.99 | 19.60 | NA | NA | 659.82 | 659.82 |
| | | | 04/29/25 | NP | 8.74 | 19.60 | NA | NA | 660.07 | 660.07 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-72S | 668.96 | 3.0-13.0 | 03/05/19 | NP | 7.56 | 13.05 | NA | NA | 661.40 | 661.40 |
| | | | 06/14/19 | NP | 7 | 13.03 | NA | NA | 661.96 | 661.96 |
| | | | 09/26/19 | NP | 9.32 | 13.03 | NA | NA | 659.64 | 659.64 |
| | | | 11/04/19 | NP | 8.76 | 13.03 | NA | NA | 660.20 | 660.20 |
| | | | 02/05/20 | NP | 7.42 | NM | NA | NA | 661.54 | 661.54 |
| MW-72S | 668.96 | 3.0-13.0 | 05/18/20 | NP | 7.29 | 13.02 | NA | NA | 661.67 | 661.67 |
| | | | 08/17/20 | NP | 8.93 | NM | NA | NA | 660.03 | 660.03 |
| | | | 11/20/20 | NP | 9.44 | NM[5] | NA | NA | 659.52 | 659.52 |
| | | | 02/08/21 | Could Not Access; covered by ice/snow | | | | | | |
| | | | 05/03/21 | NP | 8.63 | 13.02 | NA | NA | 660.33 | 660.33 |
| | | | 08/17/21 | NP | 7.56 | 13.00 | NA | NA | 661.40 | 661.40 |
| | | | 12/07/21 | NP | 7.55 | 13.02 | NA | NA | 661.41 | 661.41 |
| | | | 02/14/22 | NP | 8.18 | 13.00 | NA | NA | 660.78 | 660.78 |
| | | | 05/12/22 | NP | 6.88 | 13.00 | NA | NA | 662.08 | 662.08 |
| | | | 08/11/22 | NP | 8.55 | 12.99 | NA | NA | 660.41 | 660.41 |
| | | | 11/10/22 | NP | 9.84 | 13.00 | NA | NA | 659.12 | 659.12 |
| | | | 02/21/23 | NP | 8.94 | 13.00 | NA | NA | 660.02 | 660.02 |
| | | | 05/10/23 | NP | 7.44 | 12.99 | NA | NA | 661.52 | 661.52 |
| | | | 08/02/23 | NP | 8.76 | 13.01 | NA | NA | 660.20 | 660.20 |
| | | | 10/31/23 | NP | 9.6 | 13.00 | NA | NA | 659.36 | 659.36 |
| | | | 02/20/24 | NP | 7.97 | 13.00 | NA | NA | 660.99 | 660.99 |
| | | | 05/07/24 | NP | 7.83 | 13.00 | NA | NA | 661.13 | 661.13 |
| | | | 07/30/24 | NP | 8.35 | 13.00 | NA | NA | 660.61 | 660.61 |
| | | | 11/05/24 | NP | 9.59 | 13.00 | NA | NA | 659.37 | 659.37 |
| | | | 02/11/25 | NP | 9.19 | 13.00 | NA | NA | 659.77 | 659.77 |
| | | | 04/29/25 | NP | 9.7 | 13.80 | NA | NA | 659.26 | 659.26 |
| MW-73S | 666.89 | 7.0-12.0 | 05/22/17 | NP | 4.72 | 11.31 | NA | NA | 662.17 | 662.17 |
| | | | 07/24/17 | NP | 6.38 | 11.48 | NA | NA | 660.51 | 660.51 |
| | | | 11/06/17 | NP | 6.94 | 11.42 | NA | NA | 659.95 | 659.95 |
| | | | 02/05/18 | NP | 6.3 | 11.62 | NA | NA | 660.59 | 660.59 |
| | | | 05/07/18 | NP | 4.77 | 11.55 | NA | NA | 662.12 | 662.12 |
| | | | 08/16/18 | NP | 6.25 | NM | NA | NA | 660.64 | 660.64 |
| | | | 11/19/18 | NP | 5.45 | 11.54 | NA | NA | 661.44 | 661.44 |
| | | | 12/10/18 | Monitoring Well Abandoned | | | | | | |
| MW-73SR | 667.00 | 2.5-12.5 | 02/22/19 | NP | 5.56 | 12.38 | NA | NA | 661.44 | 661.44 |
| | | | 06/14/19 | NP | 4.8 | 12.40 | NA | NA | 662.20 | 662.20 |
| | | | 09/26/19 | NP | 6.82 | 12.49 | NA | NA | 660.18 | 660.18 |
| | | | 11/04/19 | NP | 6.43 | 12.40 | NA | NA | 660.57 | 660.57 |
| | | | 02/05/20 | NP | 5.36 | NM | NA | NA | 661.64 | 661.64 |
| | | | 05/18/20 | NP | 5.14 | 12.38 | NA | NA | 661.86 | 661.86 |
| | | | 08/17/20 | NP | 6.57 | NM | NA | NA | 660.43 | 660.43 |
| | | | 11/20/20 | NP | 7.13 | NM[5] | NA | NA | 659.87 | 659.87 |
| | | | 02/08/21 | NP | 6.96 | 12.40 | NA | NA | 660.04 | 660.04 |
| | | | 05/03/21 | NP | 6.34 | 12.38 | NA | NA | 660.66 | 660.66 |
| | | | 08/17/21 | NP | 5.58 | 12.39 | NA | NA | 661.42 | 661.42 |
| | | | 12/07/21 | NP | 5.48 | 12.38 | NA | NA | 661.52 | 661.52 |
| | | | 02/14/22 | NP | 5.92 | 12.35 | NA | NA | 661.08 | 661.08 |
| | | | 05/12/22 | NP | 4.62 | 13.39 | NA | NA | 662.38 | 662.38 |
| | | | 08/11/22 | NP | 6.16 | 12.36 | NA | NA | 660.84 | 660.84 |
| | | | 11/10/22 | NP | 7.43 | 12.39 | NA | NA | 659.57 | 659.57 |
| | | | 02/21/23 | NP | 6.64 | 12.38 | NA | NA | 660.36 | 660.36 |
| | | | 05/10/23 | NP | 5.35 | 12.36 | NA | NA | 661.65 | 661.65 |
| | | | 08/02/23 | NP | 6.37 | 12.37 | NA | NA | 660.63 | 660.63 |
| | | | 10/31/23 | NP | 7.15 | 12.41 | NA | NA | 659.85 | 659.85 |
| | | | 02/20/24 | NP | 5.73 | 12.37 | NA | NA | 661.27 | 661.27 |
| | | | 05/07/24 | NP | 5.38 | 12.37 | NA | NA | 661.62 | 661.62 |
| | | | 07/30/24 | NP | 6.01 | 12.37 | NA | NA | 660.99 | 660.99 |
| | | | 11/05/24 | NP | 7.19 | 12.37 | NA | NA | 659.81 | 659.81 |
| MW-73SR | 667.00 | 2.5-12.5 | 02/11/25 | NP | 6.75 | 12.36 | NA | NA | 660.25 | 660.25 |
| | | | 04/29/25 | NP | 5.8 | 12.45 | NA | NA | 661.20 | 661.20 |
| MW-73D | 667.03 | 13.5-18.5 | 05/22/17 | NP | 4.98 | 17.21 | NA | NA | 662.05 | 662.05 |
| | | | 07/24/17 | NP | 6.64 | 17.47 | NA | NA | 660.39 | 660.39 |
| | | | 11/06/17 | NP | 7.22 | 17.38 | NA | NA | 659.81 | 659.81 |
| | | | 02/05/18 | NP | 6.54 | 17.52 | NA | NA | 660.49 | 660.49 |
| | | | 05/07/18 | NP | 5.02 | 17.36 | NA | NA | 662.01 | 662.01 |
| | | | 08/16/18 | NP | 6.49 | NM | NA | NA | 660.54 | 660.54 |
| | | | 11/19/18 | NP | 5.73 | 17.35 | NA | NA | 661.30 | 661.30 |
| | | | 02/22/19 | NP | 5.54 | 17.37 | NA | NA | 661.49 | 661.49 |
| | | | 06/14/19 | NP | 4.79 | 17.37 | NA | NA | 662.24 | 662.24 |
| | | | 09/26/19 | NP | 7.84 | 17.39 | NA | NA | 659.19 | 659.19 |
| | | | 11/04/19 | NP | 6.39 | 17.38 | NA | NA | 660.64 | 660.64 |
| | | | 02/05/20 | NP | 5.34 | NM | NA | NA | 661.69 | 661.69 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 6.53 | NM | NA | NA | 660.5 | 660.50 |
| | | | 11/20/20 | NP | 7.09 | NM[5] | NA | NA | 659.94 | 659.94 |
| | | | 02/08/21 | NP | 6.96 | 17.36 | NA | NA | 660.07 | 660.07 |
| | | | 05/03/21 | NP | 6.34 | 17.36 | NA | NA | 660.69 | 660.69 |
| | | | 08/17/21 | NP | 5.55 | 17.35 | NA | NA | 661.48 | 661.48 |
| | | | 12/07/21 | NP | 5.37 | 17.37 | NA | NA | 661.66 | 661.66 |
| | | | 02/14/22 | NP | 5.92 | 17.35 | NA | NA | 661.11 | 661.11 |
| | | | 05/12/22 | NP | 4.6 | 17.35 | NA | NA | 662.43 | 662.43 |
| | | | 08/11/22 | NP | 6.14 | 17.36 | NA | NA | 660.89 | 660.89 |
| | | | 11/10/22 | NP | 7.4 | 17.30 | NA | NA | 659.63 | 659.63 |
| | | | 02/21/23 | NP | 6.61 | 17.34 | NA | NA | 660.42 | 660.42 |
| | | | 05/10/23 | NP | 5.32 | 17.35 | NA | NA | 661.71 | 661.71 |
| | | | 08/02/23 | NP | 6.34 | 17.36 | NA | NA | 660.69 | 660.69 |
| | | | 10/31/23 | NP | 7.12 | 17.41 | NA | NA | 659.91 | 659.91 |
| | | | 02/20/24 | NP | 5.69 | 17.35 | NA | NA | 661.34 | 661.34 |
| | | | 05/07/24 | NP | 5.34 | 17.35 | NA | NA | 661.69 | 661.69 |
| | | | 07/30/24 | NP | 5.97 | 17.34 | NA | NA | 661.06 | 661.06 |
| | | | 11/05/24 | NP | 7.19 | 17.31 | NA | NA | 659.84 | 659.84 |
| | | | 02/11/25 | NP | 6.77 | 17.31 | NA | NA | 660.26 | 660.26 |
| | | | 04/29/25 | NP | 6.55 | 17.31 | NA | NA | 660.48 | 660.48 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-74 | 667.90 | 14.0-19.0 | 05/22/17 | NP | 5.94 | 18.52 | NA | NA | 661.96 | 661.96 |
| | | | 07/24/17 | NP | 7.47 | 18.81 | NA | NA | 660.43 | 660.43 |
| | | | 11/06/17 | NP | 8.12 | 18.76 | NA | NA | 659.78 | 659.78 |
| | | | 02/05/18 | NP | 7.49 | 18.85 | NA | NA | 660.41 | 660.41 |
| | | | 05/07/18 | NP | 5.95 | 18.77 | NA | NA | 661.95 | 661.95 |
| | | | 08/16/18 | NP | 7.38 | NM | NA | NA | 660.52 | 660.52 |
| | | | 11/19/18 | NP | 6.25 | 18.77 | NA | NA | 661.65 | 661.65 |
| | | | 02/22/19 | NP | 6.45 | 18.76 | NA | NA | 661.45 | 661.45 |
| | | | 06/14/19 | NP | 5.63 | 18.76 | NA | NA | 662.27 | 662.27 |
| | | | 09/26/19 | NP | 7.48 | 18.78 | NA | NA | 660.42 | 660.42 |
| | | | 11/04/19 | NP | 7.31 | 18.78 | NA | NA | 660.59 | 660.59 |
| | | | 02/05/20 | NP | 6.29 | NM | NA | NA | 661.61 | 661.61 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 7.36 | NM | NA | NA | 660.54 | 660.54 |
| | | | 11/20/20 | NP | 7.94 | NM[5] | NA | NA | 659.96 | 659.96 |
| | | | 02/08/21 | NP | 7.81 | 18.78 | NA | NA | 660.09 | 660.09 |
| | | | 05/03/21 | NP | 7.25 | 18.76 | NA | NA | 660.65 | 660.65 |
| | | | 08/17/21 | NP | 6.38 | 18.76 | NA | NA | 661.52 | 661.52 |
| | | | 12/07/21 | NP | 6.36 | 18.75 | NA | NA | 661.54 | 661.54 |
| | | | 02/14/22 | NP | 6.74 | 18.75 | NA | NA | 661.16 | 661.16 |
| | | | 05/12/22 | NP | 5.54 | 18.75 | NA | NA | 662.36 | 662.36 |
| | | | 08/11/22 | NP | 7.04 | 18.75 | NA | NA | 660.86 | 660.86 |
| | | | 11/10/22 | NP | 8.25 | 18.76 | NA | NA | 659.65 | 659.65 |
| | | | 02/21/23 | NP | 7.62 | 18.76 | NA | NA | 660.28 | 660.28 |
| | | | 05/10/23 | NP | 6.21 | 18.75 | NA | NA | 661.69 | 661.69 |
| | | | 08/02/23 | NP | 7.25 | 18.75 | NA | NA | 660.65 | 660.65 |
| | | | 10/31/23 | NP | 8 | 18.83 | NA | NA | 659.90 | 659.90 |
| | | | 02/20/24 | NP | 6.62 | 18.77 | NA | NA | 661.28 | 661.28 |
| | | | 05/07/24 | NP | 6.2 | 18.76 | NA | NA | 661.70 | 661.70 |
| | | | 07/30/24 | NP | 6.75 | 18.76 | NA | NA | 661.15 | 661.15 |
| | | | 11/05/24 | NP | 7.99 | 18.78 | NA | NA | 659.91 | 659.91 |
| | | | 02/11/25 | NP | 7.64 | 18.78 | NA | NA | 660.26 | 660.26 |
| | | | 04/29/25 | NP | 6.5 | 18.80 | NA | NA | 661.40 | 661.40 |
| MW-74S | 667.93 | 3.0-13.0 | 02/22/19 | NP | 6.44 | 12.78 | NA | NA | 661.49 | 661.49 |
| | | | 06/14/19 | NP | 5.65 | 12.77 | NA | NA | 662.28 | 662.28 |
| | | | 09/26/19 | NP | 7.49 | 12.76 | NA | NA | 660.44 | 660.44 |
| | | | 11/04/19 | NP | 7.31 | 12.79 | NA | NA | 660.62 | 660.62 |
| | | | 02/05/20 | NP | 6.27 | NM | NA | NA | 661.66 | 661.66 |
| | | | 05/18/20 | NP | 6.28 | 12.78 | NA | NA | 661.65 | 661.65 |
| | | | 08/17/20 | NP | 7.36 | NM | NA | NA | 660.57 | 660.57 |
| | | | 11/20/20 | NP | 7.94 | NM[5] | NA | NA | 659.99 | 659.99 |
| | | | 02/08/21 | NP | 7.82 | 12.79 | NA | NA | 660.11 | 660.11 |
| | | | 05/03/21 | NP | 7.26 | 12.78 | NA | NA | 660.67 | 660.67 |
| | | | 08/17/21 | NP | 6.4 | 12.63 | NA | NA | 661.53 | 661.53 |
| | | | 12/07/21 | NP | 6.35 | 12.63 | NA | NA | 661.58 | 661.58 |
| | | | 02/14/22 | NP | 6.75 | 12.45 | NA | NA | 661.18 | 661.18 |
| | | | 05/12/22 | NP | 5.55 | 12.40 | NA | NA | 662.38 | 662.38 |
| | | | 08/11/22 | NP | 7.05 | 12.38 | NA | NA | 660.88 | 660.88 |
| | | | 11/10/22 | NP | 8.26 | 12.40 | NA | NA | 659.67 | 659.67 |
| | | | 02/21/23 | NP | 7.62 | 12.36 | NA | NA | 660.31 | 660.31 |
| | | | 05/10/23 | NP | 6.21 | 12.36 | NA | NA | 661.72 | 661.72 |
| | | | 08/02/23 | NP | 7.25 | 12.39 | NA | NA | 660.68 | 660.68 |
| | | | 10/31/23 | NP | 7.99 | 12.43 | NA | NA | 659.94 | 659.94 |
| | | | 02/20/24 | NP | 6.62 | 12.37 | NA | NA | 661.31 | 661.31 |
| | | | 05/07/24 | NP | 6.2 | 12.38 | NA | NA | 661.73 | 661.73 |
| | | | 07/30/24 | NP | 6.77 | 12.40 | NA | NA | 661.16 | 661.16 |
| | | | 11/05/24 | NP | 7.99 | 12.15 | NA | NA | 659.94 | 659.94 |
| | | | 02/11/25 | NP | 7.63 | 12.07 | NA | NA | 660.30 | 660.30 |
| | | | 04/29/25 | NP | 6.6 | 12.00 | NA | NA | 661.33 | 661.33 |
| MW-75S | 666.86 | 5.0-10.0 | 05/22/17 | NP | 5.16 | 9.23 | NA | NA | 661.70 | 661.70 |
| | | | 07/24/17 | NP | 6.15 | 9.48 | NA | NA | 660.71 | 660.71 |
| | | | 11/06/17 | NP | 6.83 | 9.43 | NA | NA | 660.03 | 660.03 |
| | | | 02/05/18 | NP | 6.56 | 9.82 | NA | NA | 660.30 | 660.30 |
| | | | 05/07/18 | NP | 5.08 | 9.67 | NA | NA | 661.78 | 661.78 |
| | | | 08/16/18 | NP | 5.81 | NM | NA | NA | 661.05 | 661.05 |
| | | | 11/19/18 | NP | 5.47 | 9.62 | NA | NA | 661.39 | 661.39 |
| | | | 12/10/18 | Monitoring Well Abandoned | | | | | | |
| MW-75SR | 666.96 | 2.5-12.5 | 02/22/19 | NP | 5.6 | 12.38 | NA | NA | 661.36 | 661.36 |
| | | | 06/14/19 | NP | 4.63 | 12.36 | NA | NA | 662.33 | 662.33 |
| | | | 09/26/19 | NP | 6.26 | 12.38 | NA | NA | 660.70 | 660.70 |
| | | | 11/04/19 | NP | 5.98 | 12.37 | NA | NA | 660.98 | 660.98 |
| | | | 02/05/20 | NP | 5.34 | NM | NA | NA | 661.62 | 661.62 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 6.1 | NM | NA | NA | 660.86 | 660.86 |
| | | | 11/20/20 | NP | 6.72 | NM[5] | NA | NA | 660.24 | 660.24 |
| | | | 02/08/21 | NP | 6.86 | 12.37 | NA | NA | 660.10 | 660.10 |
| | | | 05/03/21 | NP | 6.52 | 12.37 | NA | NA | 660.44 | 660.44 |
| | | | 08/17/21 | NP | 5.25 | 12.35 | NA | NA | 661.71 | 661.71 |
| | | | 12/07/21 | NP | 5.28 | 12.36 | NA | NA | 661.68 | 661.68 |
| | | | 02/14/22 | NP | 5.9 | 12.35 | NA | NA | 661.06 | 661.06 |
| | | | 05/12/22 | NP | 4.93 | 12.35 | NA | NA | 662.03 | 662.03 |
| | | | 08/11/22 | NP | 5.95 | 12.35 | NA | NA | 661.01 | 661.01 |
| | | | 11/10/22 | NP | 7.2 | 12.37 | NA | NA | 659.76 | 659.76 |
| | | | 02/21/23 | NP | 6.98 | 12.37 | NA | NA | 659.98 | 659.98 |
| | | | 05/10/23 | NP | 5.7 | 12.36 | NA | NA | 661.26 | 661.26 |
| | | | 08/02/23 | NP | 6.21 | 12.36 | NA | NA | 660.75 | 660.75 |
| | | | 10/31/23 | NP | 6.95 | 12.35 | NA | NA | 660.01 | 660.01 |
| | | | 02/20/24 | NP | 6.09 | 12.36 | NA | NA | 660.87 | 660.87 |
| | | | 05/07/24 | NP | 5.63 | 12.36 | NA | NA | 661.33 | 661.33 |
| | | | 07/30/24 | NP | 5.68 | 12.36 | NA | NA | 661.28 | 661.28 |
| | | | 11/05/24 | NP | 6.9 | 12.31 | NA | NA | 660.06 | 660.06 |
| | | | 02/11/25 | NP | 6.96 | 12.35 | NA | NA | 660.00 | 660.00 |
| | | | 04/29/25 | NP | 6.67 | 12.35 | NA | NA | 660.29 | 660.29 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-75D | 666.89 | 12.0-17.0 | 05/22/17 | NP | 5.2 | 16.59 | NA | NA | 661.76 | 661.76 |
| | | | 07/24/17 | NP | 6.19 | 16.78 | NA | NA | 660.70 | 660.70 |
| | | | 11/06/17 | NP | 6.81 | 17.80 | NA | NA | 660.08 | 660.08 |
| | | | 02/05/18 | NP | 6.59 | 16.83 | NA | NA | 660.30 | 660.30 |
| | | | 05/07/18 | NP | 5.04 | 16.77 | NA | NA | 661.85 | 661.85 |
| | | | 08/16/18 | NP | 6.09 | NM | NA | NA | 660.80 | 660.80 |
| | | | 11/19/18 | NP | 5.51 | 17.74 | NA | NA | 661.38 | 661.38 |
| | | | 02/22/19 | NP | 5.72 | 16.78 | NA | NA | 661.17 | 661.17 |
| | | | 06/14/19 | NP | 4.57 | 16.74 | NA | NA | 662.32 | 662.32 |
| | | | 09/26/19 | NP | 6.26 | 16.70 | NA | NA | 660.63 | 660.63 |
| | | | 11/04/19 | NP | 5.89 | 16.66 | NA | NA | 661.00 | 661.00 |
| | | | 02/05/20 | NP | 5.35 | NM | NA | NA | 661.54 | 661.54 |
| | | | 05/18/20 | NP | 5.55 | 16.66 | NA | NA | 661.34 | 661.34 |
| | | | 08/17/20 | NP | 6 | NM | NA | NA | 660.89 | 660.89 |
| | | | 11/20/20 | NP | 6.81 | NM[5] | NA | NA | 660.08 | 660.08 |
| | | | 02/08/21 | NP | 6.88 | 16.78 | NA | NA | 660.01 | 660.01 |
| | | | 05/03/21 | NP | 6.76 | 16.72 | NA | NA | 660.13 | 660.13 |
| | | | 08/17/21 | NP | 5.5 | 16.65 | NA | NA | 661.39 | 661.39 |
| | | | 12/07/21 | NP | 5.48 | 16.67 | NA | NA | 661.41 | 661.41 |
| | | | 02/14/22 | NP | 5.78 | 16.60 | NA | NA | 661.11 | 661.11 |
| | | | 05/12/22 | NP | 4.98 | 16.54 | NA | NA | 661.91 | 661.91 |
| | | | 08/11/22 | NP | 5.87 | 16.51 | NA | NA | 661.02 | 661.02 |
| | | | 11/10/22 | NP | 7.15 | 16.53 | NA | NA | 659.74 | 659.74 |
| | | | 02/21/23 | NP | 6.85 | 16.51 | NA | NA | 660.04 | 660.04 |
| | | | 05/10/23 | NP | 5.56 | 16.50 | NA | NA | 661.33 | 661.33 |
| | | | 08/02/23 | NP | 6.2 | 16.51 | NA | NA | 660.69 | 660.69 |
| | | | 10/31/23 | NP | 6.83 | 16.35 | NA | NA | 660.06 | 660.06 |
| MW-75D | 666.89 | 12.0-17.0 | 02/20/24 | NP | 5.96 | 16.38 | NA | NA | 660.93 | 660.93 |
| | | | 05/07/24 | NP | 5.52 | 16.39 | NA | NA | 661.37 | 661.37 |
| | | | 07/30/24 | NP | 5.69 | 16.40 | NA | NA | 661.20 | 661.20 |
| | | | 11/05/24 | NP | 7.14 | 16.88 | NA | NA | 659.75 | 659.75 |
| | | | 02/11/25 | NP | 6.88 | 16.39 | NA | NA | 660.01 | 660.01 |
| | | | 04/29/25 | NP | 6.61 | 16.39 | NA | NA | 660.28 | 660.28 |
| MW-76 | 670.10 | 15.0-20.0 | 05/22/17 | NP | 9.43 | 19.44 | NA | NA | 660.67 | 660.67 |
| | | | 07/24/17 | NP | 10.05 | 19.73 | NA | NA | 660.05 | 660.05 |
| | | | 11/06/17 | NP | 10.73 | 19.66 | NA | NA | 659.37 | 659.37 |
| | | | 02/05/18 | NP | 10.89 | 19.71 | NA | NA | 659.21 | 659.21 |
| | | | 05/07/18 | NP | 9.34 | 19.64 | NA | NA | 660.76 | 660.76 |
| | | | 08/16/18 | NP | 9.59 | NM | NA | NA | 660.51 | 660.51 |
| | | | 11/19/18 | NP | 9.25 | 19.60 | NA | NA | 660.85 | 660.85 |
| | | | 02/22/19 | NP | 9.75 | 19.62 | NA | NA | 660.35 | 660.35 |
| | | | 06/14/19 | NP | 8.56 | 19.61 | NA | NA | 661.54 | 661.54 |
| | | | 09/26/19 | NP | 9.78 | 19.63 | NA | NA | 660.32 | 660.32 |
| | | | 11/04/19 | NP | 9.74 | 19.62 | NA | NA | 660.36 | 660.36 |
| | | | 02/05/20 | NP | 9.36 | NM | NA | NA | 660.74 | 660.74 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 9.5 | NM | NA | NA | 660.60 | 660.60 |
| | | | 11/20/20 | NP | 10.28 | NM[5] | NA | NA | 659.82 | 659.82 |
| | | | 02/08/21 | NP | 10.66 | 19.63 | NA | NA | 659.44 | 659.44 |
| | | | 05/03/21 | NP | 10.53 | 19.62 | NA | NA | 659.57 | 659.57 |
| | | | 08/17/21 | NP | 9.45 | 19.61 | NA | NA | 660.65 | 660.65 |
| | | | 12/07/21 | NP | 9.65 | 19.61 | NA | NA | 660.45 | 660.45 |
| | | | 02/14/22 | NP | 9.7 | 19.60 | NA | NA | 660.40 | 660.40 |
| | | | 05/12/22 | NP | 9.42 | 19.60 | NA | NA | 660.68 | 660.68 |
| | | | 08/11/22 | NP | 9.87 | 19.60 | NA | NA | 660.23 | 660.23 |
| | | | 11/10/22 | NP | 10.99 | 19.61 | NA | NA | 659.11 | 659.11 |
| | | | 02/21/23 | NP | 11.3 | 19.61 | NA | NA | 658.80 | 658.80 |
| | | | 05/10/23 | NP | 10.02 | 19.61 | NA | NA | 660.08 | 660.08 |
| | | | 08/02/23 | NP | 10.08 | 19.62 | NA | NA | 660.02 | 660.02 |
| | | | 10/31/23 | NP | 10.82 | 19.60 | NA | NA | 659.28 | 659.28 |
| | | | 02/20/24 | NP | 10.4 | 19.61 | NA | NA | 659.70 | 659.70 |
| | | | 05/07/24 | NP | 10.09 | 19.62 | NA | NA | 660.01 | 660.01 |
| | | | 07/30/24 | NP | 9.63 | 19.60 | NA | NA | 660.47 | 660.47 |
| | | | 11/05/24 | NP | 10.74 | 19.61 | NA | NA | 659.36 | 659.36 |
| | | | 02/11/25 | NP | 11.38 | 19.61 | NA | NA | 658.72 | 658.72 |
| | | | 04/29/25 | NP | 10.6 | 19.60 | NA | NA | 659.50 | 659.50 |
| MW-76S | 669.98 | 4.5-14.5 | 02/22/19 | NP | 9.64 | 14.15 | NA | NA | 660.34 | 660.34 |
| | | | 06/14/19 | NP | 8.55 | 14.50 | NA | NA | 661.43 | 661.43 |
| | | | 09/26/19 | NP | 9.65 | 14.17 | NA | NA | 660.33 | 660.33 |
| | | | 11/04/19 | NP | 9.63 | 14.15 | NA | NA | 660.35 | 660.35 |
| | | | 02/05/20 | NP | 9.24 | NM | NA | NA | 660.74 | 660.74 |
| | | | 05/18/20 | NP | 9.33 | 14.19 | NA | NA | 660.65 | 660.65 |
| | | | 08/17/20 | NP | 9.4 | NM | NA | NA | 660.58 | 660.58 |
| | | | 11/20/20 | NP | 10.17 | NM[5] | NA | NA | 659.81 | 659.81 |
| | | | 02/08/21 | NP | 10.56 | 14.16 | NA | NA | 659.42 | 659.42 |
| | | | 05/03/21 | NP | 10.42 | 14.50 | NA | NA | 659.56 | 659.56 |
| | | | 08/17/21 | NP | 9.35 | 14.14 | NA | NA | 660.63 | 660.63 |
| | | | 12/07/21 | NP | 9.59 | 14.15 | NA | NA | 660.39 | 660.39 |
| | | | 02/14/22 | NP | 9.59 | 14.15 | NA | NA | 660.39 | 660.39 |
| | | | 05/12/22 | NP | 9.33 | 14.15 | NA | NA | 660.65 | 660.65 |
| | | | 08/11/22 | NP | 9.8 | 14.12 | NA | NA | 660.18 | 660.18 |
| | | | 11/10/22 | NP | 10.9 | 14.18 | NA | NA | 659.08 | 659.08 |
| | | | 02/21/23 | NP | 11.2 | 14.16 | NA | NA | 658.78 | 658.78 |
| | | | 05/10/23 | NP | 9.94 | 14.15 | NA | NA | 660.04 | 660.04 |
| | | | 08/02/23 | NP | 9.98 | 14.14 | NA | NA | 660.00 | 660.00 |
| | | | 10/31/23 | NP | 10.72 | 14.13 | NA | NA | 659.26 | 659.26 |
| | | | 02/20/24 | NP | 10.29 | 14.14 | NA | NA | 659.69 | 659.69 |
| | | | 05/07/24 | NP | 9.9 | 14.13 | NA | NA | 660.08 | 660.08 |
| | | | 07/30/24 | NP | 9.51 | 14.13 | NA | NA | 660.47 | 660.47 |
| | | | 11/05/24 | NP | 10.59 | 14.12 | NA | NA | 659.39 | 659.39 |
| | | | 02/11/25 | NP | 11.3 | 14.15 | NA | NA | 658.68 | 658.68 |
| | | | 04/29/25 | NP | 9.5 | 14.10 | NA | NA | 660.48 | 660.48 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-77 | 660.56 | 9.0-14.0 | 05/22/17 | NP | 4.59 | 13.45 | NA | NA | 655.97 | 655.97 |
| | | | 07/24/17 | NP | 5.9 | 13.75 | NA | NA | 654.66 | 654.66 |
| | | | 11/06/17 | NP | 6.3 | 13.67 | NA | NA | 654.26 | 654.26 |
| | | | 02/05/18 | NP | 5.43 | 13.75 | NA | NA | 655.13 | 655.13 |
| | | | 05/07/18 | NP | 4.28 | 13.70 | NA | NA | 656.28 | 656.28 |
| | | | 08/16/18 | NP | 5.88 | NM | NA | NA | 654.68 | 654.68 |
| | | | 11/19/18 | NP | 4.59 | 13.69 | NA | NA | 655.97 | 655.97 |
| | | | 02/22/19 | NP | 4.64 | 13.72 | NA | NA | 655.92 | 655.92 |
| | | | 06/14/19 | NP | 4.23 | 13.71 | NA | NA | 656.33 | 656.33 |
| | | | 09/26/19 | NP | 5.97 | 13.72 | NA | NA | 654.59 | 654.59 |
| | | | 11/04/19 | NP | 5.21 | 13.70 | NA | NA | 655.35 | 655.35 |
| | | | 02/05/20 | NP | 4.29 | NM | NA | NA | 656.27 | 656.27 |
| | | | 05/18/20 | NM(4) | NM(4) | NM(4) | NA(4) | NA(4) | NM(4) | NM(4) |
| | | | 08/17/20 | NP | 5.68 | NM | NA | NA | 654.88 | 654.88 |
| | | | 11/20/20 | NP | 5.85 | 13.74(5) | NA | NA | 654.71 | 654.71 |
| | | | 02/08/21 | NP | 5.52 | 13.72 | NA | NA | 655.04 | 655.04 |
| | | | 05/03/21 | NP | 5.32 | 13.71 | NA | NA | 655.24 | 655.24 |
| | | | 08/17/21 | NP | 4.36 | 13.69 | NA | NA | 656.20 | 656.20 |
| | | | 12/07/21 | NP | 4.56 | 13.71 | NA | NA | 656.00 | 656.00 |
| | | | 02/14/22 | NP | 5.2 | 13.69 | NA | NA | 655.36 | 655.36 |
| | | | 05/12/22 | NP | 4.46 | 13.70 | NA | NA | 656.10 | 656.10 |
| | | | 08/11/22 | NP | 5.82 | 13.70 | NA | NA | 654.74 | 654.74 |
| | | | 11/10/22 | NP | 6.72 | 13.70 | NA | NA | 653.84 | 653.84 |
| | | | 02/21/23 | NP | 5.63 | 13.70 | NA | NA | 654.93 | 654.93 |
| | | | 05/10/23 | NP | 4.98 | 13.71 | NA | NA | 655.58 | 655.58 |
| | | | 08/02/23 | NP | 5.99 | 13.71 | NA | NA | 654.57 | 654.57 |
| | | | 10/31/23 | NP | 6.61 | 13.71 | NA | NA | 653.95 | 653.95 |
| | | | 02/20/24 | NP | 5.05 | 13.72 | NA | NA | 655.51 | 655.51 |
| | | | 05/07/24 | NP | 4.85 | 13.70 | NA | NA | 655.71 | 655.71 |
| | | | 07/30/24 | NP | 5.33 | 13.68 | NA | NA | 655.23 | 655.23 |
| | | | 11/05/24 | NP | 6.59 | 13.70 | NA | NA | 653.97 | 653.97 |
| | | | 02/11/25 | NP | 5.89 | 13.71 | NA | NA | 654.67 | 654.67 |
| | | | 04/29/25 | NP | 5.13 | 13.71 | NA | NA | 655.43 | 655.43 |
| MW-77S | 660.55 | 2.5-12.5 | 02/22/19 | NP | 4.53 | 12.16 | NA | NA | 656.02 | 656.02 |
| | | | 06/14/19 | NP | 4.12 | 12.14 | NA | NA | 656.43 | 656.43 |
| | | | 09/26/19 | NP | 5.89 | 12.17 | NA | NA | 654.66 | 654.66 |
| | | | 11/04/19 | NP | 5.15 | 12.15 | NA | NA | 655.40 | 655.40 |
| | | | 02/05/20 | NP | 5.03 | NM | NA | NA | 655.52 | 655.52 |
| | | | 05/18/20 | NP | 4.19 | 12.17 | NA | NA | 656.36 | 656.36 |
| | | | 08/17/20 | NP | 5.58 | NM | NA | NA | 654.97 | 654.97 |
| | | | 11/20/20 | NP | 5.74 | 12.19(5) | NA | NA | 654.81 | 654.81 |
| | | | 02/08/21 | NP | 5.43 | 12.14 | NA | NA | 655.12 | 655.12 |
| | | | 05/03/21 | NP | 5.24 | 12.16 | NA | NA | 655.31 | 655.31 |
| | | | 08/17/21 | NP | 4.26 | 12.12 | NA | NA | 656.29 | 656.29 |
| | | | 12/07/21 | NP | 4.51 | 12.13 | NA | NA | 656.04 | 656.04 |
| | | | 02/14/22 | NP | 5.11 | 12.13 | NA | NA | 655.44 | 655.44 |
| | | | 05/12/22 | NP | 4.33 | 12.13 | NA | NA | 656.22 | 656.22 |
| | | | 08/11/22 | NP | 5.73 | 12.14 | NA | NA | 654.82 | 654.82 |
| | | | 11/10/22 | NP | 6.62 | 12.10 | NA | NA | 653.93 | 653.93 |
| | | | 02/21/23 | NP | 5.54 | 12.15 | NA | NA | 655.01 | 655.01 |
| | | | 05/10/23 | NP | 4.89 | 12.15 | NA | NA | 655.66 | 655.66 |
| | | | 08/02/23 | NP | 5.92 | 12.13 | NA | NA | 654.63 | 654.63 |
| | | | 10/31/23 | NP | 6.54 | 12.14 | NA | NA | 654.01 | 654.01 |
| | | | 02/20/24 | NP | 4.95 | 12.15 | NA | NA | 655.60 | 655.60 |
| | | | 05/07/24 | NP | 4.78 | 12.12 | NA | NA | 655.77 | 655.77 |
| | | | 07/30/24 | NP | 5.24 | 12.10 | NA | NA | 655.31 | 655.31 |
| | | | 11/05/24 | NP | 6.49 | 12.10 | NA | NA | 654.06 | 654.06 |
| | | | 02/11/25 | NP | 5.8 | 12.12 | NA | NA | 654.75 | 654.75 |
| | | | 04/29/25 | NP | 5.02 | 12.10 | NA | NA | 655.53 | 655.53 |
| MW-78 | 657.23 | 7.0-12.0 | 05/22/17 | NP | 1.78 | 11.47 | NA | NA | 655.45 | 655.45 |
| | | | 07/24/17 | NP | 3.55 | 11.79 | NA | NA | 653.68 | 653.68 |
| | | | 11/06/17 | NP | 3.5 | 11.72 | NA | NA | 653.73 | 653.73 |
| | | | 02/05/18 | NP | 3.09 | 11.80 | NA | NA | 654.14 | 654.14 |
| | | | 05/07/18 | NP | 1.54 | 11.75 | NA | NA | 655.69 | 655.69 |
| | | | 08/16/18 | NP | 3.53 | NM | NA | NA | 653.70 | 653.70 |
| | | | 11/19/18 | NP | 1.68 | 11.71 | NA | NA | 655.55 | 655.55 |
| | | | 02/22/19 | NP | 2.02 | 11.75 | NA | NA | 655.21 | 655.21 |
| | | | 06/14/19 | NP | 1.19 | 11.75 | NA | NA | 656.04 | 656.04 |
| | | | 09/26/19 | NP | 3.71 | 11.77 | NA | NA | 653.52 | 653.52 |
| | | | 11/04/19 | NP | 2.7 | 11.76 | NA | NA | 654.53 | 654.53 |
| | | | 02/05/20 | NP | 1.66 | NM | NA | NA | 655.57 | 655.57 |
| | | | 05/18/20 | NM(4) | NM(4) | NM(4) | NA(4) | NA(4) | NM(4) | NM(4) |
| | | | 08/17/20 | NP | 3.37 | NM | NA | NA | 653.86 | 653.86 |
| | | | 11/20/20 | NP | 3.32 | 11.79(5) | NA | NA | 653.91 | 653.91 |
| | | | 02/08/21 | NP | 3.28 | 11.76 | NA | NA | 653.95 | 653.95 |
| | | | 05/03/21 | NP | 2.97 | 11.75 | NA | NA | 654.26 | 654.26 |
| | | | 08/17/21 | NP | 1.88 | 11.74 | NA | NA | 655.35 | 655.35 |
| | | | 12/07/21 | NP | 1.64 | 11.73 | NA | NA | 655.59 | 655.59 |
| | | | 02/14/22 | NP | 2.83 | 11.74 | NA | NA | 654.40 | 654.40 |
| | | | 05/12/22 | NP | 1.95 | 11.74 | NA | NA | 655.28 | 655.28 |
| | | | 08/11/22 | NP | 3.3 | 11.74 | NA | NA | 653.93 | 653.93 |
| | | | 11/10/22 | NP | 4.21 | 11.74 | NA | NA | 653.02 | 653.02 |
| | | | 02/21/23 | NP | 3.06 | 11.73 | NA | NA | 654.17 | 654.17 |
| | | | 05/10/23 | NP | 2.27 | 11.75 | NA | NA | 654.96 | 654.96 |
| | | | 08/02/23 | NP | 3.41 | 11.75 | NA | NA | 653.82 | 653.82 |
| | | | 10/31/23 | NP | 3.87 | 11.75 | NA | NA | 653.36 | 653.36 |
| | | | 02/20/24 | NP | 2.75 | 11.77 | NA | NA | 654.48 | 654.48 |
| | | | 05/07/24 | NP | 2.24 | 11.74 | NA | NA | 654.99 | 654.99 |
| | | | 07/30/24 | NP | 2.66 | 11.75 | NA | NA | 654.57 | 654.57 |
| | | | 11/05/24 | NP | 3.9 | 11.75 | NA | NA | 653.33 | 653.33 |
| | | | 02/11/25 | NP | 3.31 | 11.72 | NA | NA | 653.92 | 653.92 |
| | | | 04/29/25 | NP | 2.74 | 11.73 | NA | NA | 654.49 | 654.49 |
| MW-78S | 657.61 | 2.5-12.5 | 02/22/19 | NP | 2.37 | 12.40 | NA | NA | 655.24 | 655.24 |
| | | | 06/14/19 | NP | 1.51 | 12.38 | NA | NA | 656.10 | 656.10 |
| | | | 09/26/19 | NP | 3.45 | 12.41 | NA | NA | 654.16 | 654.16 |
| | | | 11/04/19 | NP | 3.05 | 12.40 | NA | NA | 654.56 | 654.56 |
| | | | 02/05/20 | NP | 1.98 | NM | NA | NA | 655.63 | 655.63 |
| | | | 05/18/20 | NP | 1.55 | 12.40 | NA | NA | 656.06 | 656.06 |
| | | | 08/17/20 | NP | 3.7 | NM | NA | NA | 653.91 | 653.91 |
| | | | 11/20/20 | NP | 3.56 | 12.33(5) | NA | NA | 654.05 | 654.05 |
| | | | 02/08/21 | NP | 3.5 | 12.30 | NA | NA | 654.11 | 654.11 |
| | | | 05/03/21 | NP | 3.2 | 12.31 | NA | NA | 654.41 | 654.41 |
| | | | 08/17/21 | NP | 2.11 | 12.29 | NA | NA | 655.50 | 655.50 |
| | | | 12/07/21 | NP | 1.76 | 12.31 | NA | NA | 655.85 | 655.85 |
| | | | 02/14/22 | NP | 3.09 | 12.29 | NA | NA | 654.52 | 654.52 |
| | | | 05/12/22 | NP | 2.2 | 12.30 | NA | NA | 655.41 | 655.41 |
| | | | 08/11/22 | NP | 3.54 | 12.30 | NA | NA | 654.07 | 654.07 |
| | | | 11/10/22 | NP | 4.44 | 12.29 | NA | NA | 653.17 | 653.17 |
| | | | 02/21/23 | NP | 3.29 | 12.30 | NA | NA | 654.32 | 654.32 |
| | | | 05/10/23 | NP | 2.48 | 12.30 | NA | NA | 655.13 | 655.13 |
| | | | 08/02/23 | NP | 3.65 | 12.30 | NA | NA | 653.96 | 653.96 |
| | | | 10/31/23 | NP | 4.11 | 12.30 | NA | NA | 653.50 | 653.50 |
| | | | 02/20/24 | NP | 2.8 | 12.33 | NA | NA | 654.81 | 654.81 |
| | | | 05/07/24 | NP | 2.5 | 12.30 | NA | NA | 655.11 | 655.11 |
| | | | 07/30/24 | NP | 2.89 | 12.30 | NA | NA | 654.72 | 654.72 |
| | | | 11/05/24 | NP | 4.14 | 12.30 | NA | NA | 653.47 | 653.47 |
| | | | 02/11/25 | NP | 3.54 | 12.31 | NA | NA | 654.07 | 654.07 |
| | | | 04/29/25 | NP | 2.98 | 12.30 | NA | NA | 654.63 | 654.63 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-79S | 663.10 | 5.0-10.0 | 05/22/17 | NP | 4.15 | 9.49 | NA | NA | 658.95 | 658.95 |
| | | | 07/24/17 | NP | 6.37 | 9.76 | NA | NA | 656.73 | 656.73 |
| | | | 11/06/17 | NP | 6.56 | 9.71 | NA | NA | 656.54 | 656.54 |
| | | | 02/05/18 | NP | 5.46 | 9.78 | NA | NA | 657.64 | 657.64 |
| | | | 05/07/18 | NP | 3.49 | 9.73 | NA | NA | 659.61 | 659.61 |
| | | | 08/16/18 | NP | 6.4 | NM | NA | NA | 656.70 | 656.70 |
| | | | 11/19/18 | NP | 4.5 | 9.71 | NA | NA | 658.60 | 658.60 |
| | | | 12/10/18 | Monitoring Well Abandoned | | | | | | |
| MW-79SR | 663.06 | 2.5-12.5 | 02/22/19 | NP | 4.19 | 12.28 | NA | NA | 658.87 | 658.87 |
| | | | 06/14/19 | NP | 3.5 | 12.50 | NA | NA | 659.56 | 659.56 |
| | | | 09/26/19 | NP | 6.52 | 12.26 | NA | NA | 656.54 | 656.54 |
| | | | 11/04/19 | NP | 5.65 | 12.25 | NA | NA | 657.41 | 657.41 |
| | | | 02/05/20 | NP | 3.59 | NM | NA | NA | 659.47 | 659.47 |
| | | | 05/18/20 | NP | 3.37 | 12.26 | NA | NA | 659.69 | 659.69 |
| | | | 08/17/20 | NP | 6.22 | NM | NA | NA | 656.84 | 656.84 |
| | | | 11/20/20 | NP | 6.19 | 12.29[5] | NA | NA | 656.87 | 656.87 |
| | | | 02/08/21 | NP | 5.71 | 12.27 | NA | NA | 657.35 | 657.35 |
| | | | 05/03/21 | NP | 5.37 | 12.27 | NA | NA | 657.69 | 657.69 |
| | | | 08/17/21 | NP | 4.35 | 12.25 | NA | NA | 658.71 | 658.71 |
| | | | 12/07/21 | NP | 3.79 | 12.28 | NA | NA | 659.27 | 659.27 |
| | | | 02/14/22 | NP | 4.97 | 12.26 | NA | NA | 658.09 | 658.09 |
| | | | 05/12/22 | NP | 3.62 | 12.25 | NA | NA | 659.44 | 659.44 |
| | | | 08/11/22 | NP | 6.05 | 12.25 | NA | NA | 657.01 | 657.01 |
| | | | 11/10/22 | NP | 6.96 | 12.25 | NA | NA | 656.10 | 656.10 |
| | | | 02/21/23 | NP | 5.54 | 12.25 | NA | NA | 657.52 | 657.52 |
| | | | 05/10/23 | NP | 4.26 | 12.27 | NA | NA | 658.80 | 658.80 |
| | | | 08/02/23 | NP | 6.27 | 12.26 | NA | NA | 656.79 | 656.79 |
| | | | 10/31/23 | NP | 6.69 | 12.26 | NA | NA | 656.37 | 656.37 |
| | | | 02/20/24 | NP | 4.73 | 12.28 | NA | NA | 658.33 | 658.33 |
| | | | 05/07/24 | NP | 4.65 | 12.25 | NA | NA | 658.41 | 658.41 |
| | | | 07/30/24 | NP | 5.7 | 12.27 | NA | NA | 657.36 | 657.36 |
| | | | 11/05/24 | NP | 6.7 | 12.25 | NA | NA | 656.36 | 656.36 |
| | | | 02/11/25 | NP | 5.77 | 12.24 | NA | NA | 657.29 | 657.29 |
| | | | 04/29/25 | NP | 4.82 | 12.28 | NA | NA | 658.24 | 658.24 |
| MW-79D | 663.35 | 10.0-15.0 | 05/22/17 | NP | 4.2 | 14.38 | NA | NA | 659.15 | 659.15 |
| | | | 07/24/17 | NP | 6.45 | 14.66 | NA | NA | 656.90 | 656.90 |
| | | | 11/06/17 | NP | 6.62 | 14.60 | NA | NA | 656.73 | 656.73 |
| | | | 02/05/18 | NP | 5.51 | 14.69 | NA | NA | 657.84 | 657.84 |
| | | | 05/07/18 | NP | 3.55 | 14.62 | NA | NA | 659.80 | 659.80 |
| | | | 08/16/18 | NP | 6.49 | NM | NA | NA | 656.86 | 656.86 |
| | | | 11/19/18 | NP | 4.58 | 14.60 | NA | NA | 658.77 | 658.77 |
| | | | 02/22/19 | NP | 4.33 | 14.64 | NA | NA | 659.02 | 659.02 |
| | | | 06/14/19 | NP | 3.63 | 14.62 | NA | NA | 659.72 | 659.72 |
| | | | 09/26/19 | NP | 6.66 | 14.64 | NA | NA | 656.69 | 656.69 |
| | | | 11/04/19 | NP | 5.8 | 14.63 | NA | NA | 657.55 | 657.55 |
| | | | 02/05/20 | NP | 3.69 | NM | NA | NA | 659.66 | 659.66 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 6.37 | NM | NA | NA | 656.98 | 656.98 |
| | | | 11/20/20 | NP | 6.31 | 14.67[5] | NA | NA | 657.04 | 657.04 |
| | | | 02/08/21 | NP | 5.84 | 14.62 | NA | NA | 657.51 | 657.51 |
| | | | 05/03/21 | NP | 5.5 | 14.63 | NA | NA | 657.85 | 657.85 |
| | | | 08/17/21 | NP | 4.5 | 14.63 | NA | NA | 658.85 | 658.85 |
| | | | 12/07/21 | NP | 3.91 | 14.63 | NA | NA | 659.44 | 659.44 |
| | | | 02/14/22 | NP | 5.09 | 14.61 | NA | NA | 658.26 | 658.26 |
| | | | 05/12/22 | NP | 3.75 | 14.62 | NA | NA | 659.60 | 659.60 |
| | | | 08/11/22 | NP | 6.19 | 14.62 | NA | NA | 657.16 | 657.16 |
| | | | 11/10/22 | NP | 7.08 | 14.62 | NA | NA | 656.27 | 656.27 |
| | | | 02/21/23 | NP | 5.67 | 14.62 | NA | NA | 657.68 | 657.68 |
| | | | 05/10/23 | NP | 4.31 | 14.62 | NA | NA | 659.04 | 659.04 |
| | | | 08/02/23 | NP | 6.39 | 14.62 | NA | NA | 656.96 | 656.96 |
| | | | 10/31/23 | NP | 6.84 | 14.64 | NA | NA | 656.51 | 656.51 |
| | | | 02/20/24 | NP | 4.85 | 14.67 | NA | NA | 658.50 | 658.50 |
| | | | 05/07/24 | NP | 4.75 | 14.62 | NA | NA | 658.60 | 658.60 |
| MW-79D | 663.35 | 10.0-15.0 | 07/30/24 | NP | 5.82 | 14.62 | NA | NA | 657.53 | 657.53 |
| | | | 11/05/24 | NP | 6.82 | 14.62 | NA | NA | 656.53 | 656.53 |
| | | | 02/11/25 | NP | 5.89 | 14.62 | NA | NA | 657.46 | 657.46 |
| | | | 04/29/25 | NP | 5 | 14.60 | NA | NA | 658.35 | 658.35 |
| MW-80S | 656.08 | 7.0-12.0 | 05/22/17 | NP | 2.41 | 11.29 | NA | NA | 653.67 | 653.67 |
| | | | 07/24/17 | NP | 4.19 | 11.50 | NA | NA | 651.89 | 651.89 |
| | | | 11/06/17 | NP | 3.41 | 11.53 | NA | NA | 652.67 | 652.67 |
| | | | 02/05/18 | NP | 2.86 | 11.81 | NA | NA | 653.22 | 653.22 |
| | | | 05/07/18 | NP | 1.23 | 11.56 | NA | NA | 654.85 | 654.85 |
| | | | 08/16/18 | NP | 4.14 | NM | NA | NA | 651.94 | 651.94 |
| | | | 11/19/18 | NP | 2.17 | 11.53 | NA | NA | 653.91 | 653.91 |
| | | | 12/10/18 | Monitoring Well Abandoned | | | | | | |
| MW-80SR | 656.23 | 2.5-12.5 | 03/06/19 | NP | 2.43 | 12.21 | NA | NA | 653.80 | 653.80 |
| | | | 06/14/19 | NP | 1.39 | 12.24 | NA | NA | 654.84 | 654.84 |
| | | | 09/26/19 | NP | 4.41 | 12.24 | NA | NA | 651.82 | 651.82 |
| | | | 11/04/19 | NP | 2.8 | 12.22 | NA | NA | 653.43 | 653.43 |
| | | | 02/05/20 | NP | 1.35 | NM | NA | NA | 654.88 | 654.88 |
| | | | 05/18/20 | NP | 1.13 | 12.24 | NA | NA | 655.10 | 655.10 |
| | | | 08/17/20 | NP | 4.15 | NM | NA | NA | 652.08 | 652.08 |
| | | | 11/20/20 | NP | 3.51 | NM[5] | NA | NA | 652.72 | 652.72 |
| | | | 02/08/21 | NP | 3.48 | 12.24 | NA | NA | 652.75 | 652.75 |
| | | | 05/03/21 | NP | 3.05 | 12.23 | NA | NA | 653.18 | 653.18 |
| | | | 08/17/21 | NP | 2.5 | 12.21 | NA | NA | 653.73 | 653.73 |
| | | | 12/07/21 | NP | 1.46 | 12.21 | NA | NA | 654.77 | 654.77 |
| | | | 02/14/22 | NP | 2.69 | 12.20 | NA | NA | 653.54 | 653.54 |
| | | | 05/12/22 | NP | 2.08 | 12.22 | NA | NA | 654.15 | 654.15 |
| | | | 08/11/22 | NP | 3.9 | 12.22 | NA | NA | 652.33 | 652.33 |
| | | | 11/10/22 | NP | 4.55 | 12.20 | NA | NA | 651.68 | 651.68 |
| | | | 02/21/23 | NP | 2.85 | 12.20 | NA | NA | 653.38 | 653.38 |
| | | | 05/10/23 | NP | 2.16 | 12.20 | NA | NA | 654.07 | 654.07 |
| | | | 08/02/23 | NP | 4.02 | 12.21 | NA | NA | 652.21 | 652.21 |
| | | | 10/31/23 | NP | 4.19 | 12.19 | NA | NA | 652.04 | 652.04 |
| | | | 02/20/24 | NP | 2.19 | 12.20 | NA | NA | 654.04 | 654.04 |
| | | | 05/07/24 | NP | 2.35 | 12.22 | NA | NA | 653.88 | 653.88 |
| | | | 07/30/24 | NP | 3.3 | 12.20 | NA | NA | 652.93 | 652.93 |
| | | | 11/05/24 | NP | 4.25 | 12.20 | NA | NA | 651.98 | 651.98 |
| | | | 02/11/25 | NP | 3.26 | 12.21 | NA | NA | 652.97 | 652.97 |
| | | | 04/29/25 | NP | 2.71 | 12.20 | NA | NA | 653.52 | 653.52 |

**See Notes on Last Page.**

**Table 3**
**Groundwater Elevations**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-81[1] | 657.32 | 8.0-13.0 | 05/22/17 | NP | 6.05 | 12.40 | NA | NA | 651.27 | 651.27 |
| | | | 07/24/17 | NP | 7.24 | 12.70 | NA | NA | 650.08 | 650.08 |
| | | | 11/06/17 | NP | 8.27 | 12.63 | NA | NA | 649.05 | 649.05 |
| | | | 02/05/18 | NP | 7.29 | 12.71 | NA | NA | 650.03 | 650.03 |
| | | | 05/07/18 | NP | 5.98 | 12.66 | NA | NA | 651.34 | 651.34 |
| | | | 08/16/18 | NP | 7.4 | NM | NA | NA | 649.92 | 649.92 |
| | | | 11/19/18 | NP | 6.62 | 12.64 | NA | NA | 650.70 | 650.70 |
| | | | 02/22/19 | NP | 6.19 | 12.67 | NA | NA | 651.13 | 651.13 |
| | | | 06/14/19 | NP | 5.85 | 12.65 | NA | NA | 651.47 | 651.47 |
| | | | 09/26/19 | NP | 7.62 | 12.68 | NA | NA | 649.70 | 649.70 |
| | | | 11/04/19 | NP | 7.31 | 12.68 | NA | NA | 650.01 | 650.01 |
| | | | 02/05/20 | NP | 6.23 | NM | NA | NA | 651.09 | 651.09 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 7.35 | NM | NA | NA | 649.97 | 649.97 |
| | | | 11/20/20 | NP | 7.67 | NM[5] | NA | NA | 649.65 | 649.65 |
| | | | 02/08/21 | NP | 7.3 | 12.65 | NA | NA | 650.02 | 650.02 |
| | | | 05/03/21 | NP | 6.82 | 12.66 | NA | NA | 650.50 | 650.50 |
| | | | 08/17/21 | NP | 6.89 | 12.68 | NA | NA | 650.43 | 650.43 |
| | | | 12/07/21 | NP | 6.52 | 12.68 | NA | NA | 650.80 | 650.80 |
| | | | 02/14/22 | NP | 6.68 | 12.66 | NA | NA | 650.64 | 650.64 |
| | | | 05/12/22 | NP | 6.62 | 12.67 | NA | NA | 650.70 | 650.70 |
| | | | 08/11/22 | NP | 7.21 | 12.67 | NA | NA | 650.11 | 650.11 |
| | | | 11/10/22 | NP | 8.1 | 12.69 | NA | NA | 649.22 | 649.22 |
| | | | 02/21/23 | NP | 7.2 | 12.68 | NA | NA | 650.12 | 650.12 |
| | | | 05/10/23 | NP | 5.97 | 12.67 | NA | NA | 651.35 | 651.35 |
| | | | 08/02/23 | NP | 7.17 | 12.65 | NA | NA | 650.15 | 650.15 |
| | | | 10/31/23 | NP | 7.71 | 12.68 | NA | NA | 649.61 | 649.61 |
| | | | 02/20/24 | NP | 6.3 | 12.70 | NA | NA | 651.02 | 651.02 |
| | | | 05/07/24 | NP | 6.13 | 12.68 | NA | NA | 651.19 | 651.19 |
| | | | 07/30/24 | NP | 6.6 | 12.66 | NA | NA | 650.72 | 650.72 |
| | | | 11/05/24 | NP | 7.6 | 12.66 | NA | NA | 649.72 | 649.72 |
| | | | 02/11/25 | NP | 7.04 | 12.67 | NA | NA | 650.28 | 650.28 |
| | | | 04/29/25 | NP | 6.15 | 12.66 | NA | NA | 651.17 | 651.17 |
| MW-81S | 657.67 | 2.5-12.5 | 02/22/19 | NP | 6.49 | 12.52 | NA | NA | 651.18 | 651.18 |
| | | | 06/14/19 | NP | 5.18 | 12.51 | NA | NA | 652.49 | 652.49 |
| | | | 09/26/19 | NP | 7.83 | 12.52 | NA | NA | 649.84 | 649.84 |
| | | | 11/04/19 | NP | 7.6 | 12.54 | NA | NA | 650.07 | 650.07 |
| | | | 02/05/20 | NP | 6.26 | NM | NA | NA | 651.41 | 651.41 |
| | | | 05/18/20 | NP | 6.21 | 12.54 | NA | NA | 651.46 | 651.46 |
| | | | 08/17/20 | NP | 7.65 | NM | NA | NA | 650.02 | 650.02 |
| | | | 11/20/20 | NP | 8.01 | NM[5] | NA | NA | 649.66 | 649.66 |
| | | | 02/08/21 | NP | 7.5 | 12.51 | NA | NA | 650.17 | 650.17 |
| | | | 05/03/21 | NP | 7.08 | 12.50 | NA | NA | 650.59 | 650.59 |
| | | | 08/17/21 | NP | 6.5 | 12.52 | NA | NA | 651.17 | 651.17 |
| | | | 12/07/21 | NP | 6.19 | 12.51 | NA | NA | 651.48 | 651.48 |
| | | | 02/14/22 | NP | 6.82 | 12.52 | NA | NA | 650.85 | 650.85 |
| | | | 05/12/22 | NP | 5.93 | 12.52 | NA | NA | 651.74 | 651.74 |
| | | | 08/11/22 | NP | 7.44 | 12.51 | NA | NA | 650.23 | 650.23 |
| | | | 11/10/22 | NP | 8.4 | 12.70 | NA | NA | 649.27 | 649.27 |
| | | | 02/21/23 | NP | 7.36 | 12.66 | NA | NA | 650.31 | 650.31 |
| | | | 05/10/23 | NP | 6.27 | 12.62 | NA | NA | 651.40 | 651.40 |
| | | | 08/02/23 | NP | 7.48 | 12.60 | NA | NA | 650.19 | 650.19 |
| | | | 10/31/23 | NP | 8.06 | 12.64 | NA | NA | 649.61 | 649.61 |
| | | | 02/20/24 | NP | 6.55 | 12.65 | NA | NA | 651.12 | 651.12 |
| | | | 05/07/24 | NP | 6.25 | 12.62 | NA | NA | 651.42 | 651.42 |
| | | | 07/30/24 | NP | 6.89 | 12.60 | NA | NA | 650.78 | 650.78 |
| | | | 11/05/24 | NP | 8 | 12.60 | NA | NA | 649.67 | 649.67 |
| | | | 02/11/25 | NP | 7.33 | 12.62 | NA | NA | 650.34 | 650.34 |
| | | | 04/29/25 | NP | 6.44 | 12.60 | NA | NA | 651.23 | 651.23 |
| MW-82S | 658.63 | 9.0-14.0 | 05/22/17 | NP | 6.93 | 13.12 | NA | NA | 651.70 | 651.70 |
| | | | 07/24/17 | NP | 8.24 | 11.50 | NA | NA | 650.39 | 650.39 |
| | | | 11/06/17 | NP | 9.08 | 13.34 | NA | NA | 649.55 | 649.55 |
| | | | 02/05/18 | NP | 8.32 | 13.44 | NA | NA | 650.31 | 650.31 |
| | | | 05/07/18 | NP | 7.1 | 13.36 | NA | NA | 651.53 | 651.53 |
| | | | 08/16/18 | NP | 8.38 | NM | NA | NA | 650.25 | 650.25 |
| | | | 11/19/18 | NP | 7.62 | 13.37 | NA | NA | 651.01 | 651.01 |
| | | | 12/10/18 | Monitoring Well Abandoned | | | | | | |
| MW-82SR | 658.92 | 5.0-15.0 | 02/22/19 | NP | 7.47 | 16.12 | NA | NA | 651.45 | 651.45 |
| | | | 06/14/19 | NP | 6.85 | 15.10 | NA | NA | 652.07 | 652.07 |
| | | | 09/26/19 | NP | 8.65 | 16.12 | NA | NA | 650.27 | 650.27 |
| | | | 11/04/19 | NP | 8.27 | 16.12 | NA | NA | 650.65 | 650.65 |
| | | | 02/05/20 | NP | 6.94 | NM | NA | NA | 651.98 | 651.98 |
| | | | 05/18/20 | NP | 6.92 | 16.15 | NA | NA | 652.00 | 652.00 |
| | | | 08/17/20 | NP | 8.42 | NM | NA | NA | 650.50 | 650.50 |
| | | | 11/20/20 | NP | 8.76 | NM[5] | NA | NA | 650.16 | 650.16 |
| | | | 02/08/21 | NP | 8.37 | 16.10 | NA | NA | 650.55 | 650.55 |
| | | | 05/03/21 | NP | 7.98 | 16.11 | NA | NA | 650.94 | 650.94 |
| | | | 08/17/21 | NP | 7.2 | 16.10 | NA | NA | 651.72 | 651.72 |
| | | | 12/07/21 | NP | 6.89 | 16.11 | NA | NA | 652.03 | 652.03 |
| | | | 02/14/22 | NP | 7.75 | 16.10 | NA | NA | 651.17 | 651.17 |
| | | | 05/12/22 | NP | 6.54 | 16.10 | NA | NA | 652.38 | 652.38 |
| | | | 08/11/22 | NP | 8.17 | 16.10 | NA | NA | 650.75 | 650.75 |
| | | | 11/10/22 | NP | 9.11 | 16.10 | NA | NA | 649.81 | 649.81 |
| | | | 02/21/23 | NP | 8.1 | 16.14 | NA | NA | 650.82 | 650.82 |
| | | | 05/10/23 | NP | 7.04 | 16.10 | NA | NA | 651.88 | 651.88 |
| | | | 08/02/23 | NP | 8.18 | 16.07 | NA | NA | 650.74 | 650.74 |
| MW-82SR | 658.92 | 5.0-15.0 | 10/31/23 | NP | 8.6 | 16.12 | NA | NA | 650.32 | 650.32 |
| | | | 02/20/24 | NP | 7.3 | 16.12 | NA | NA | 651.62 | 651.62 |
| | | | 05/07/24 | NP | 6.65 | 16.10 | NA | NA | 652.27 | 652.27 |
| | | | 07/30/24 | NP | 7.57 | 16.10 | NA | NA | 651.35 | 651.35 |
| | | | 11/05/24 | NP | 8.68 | 16.12 | NA | NA | 650.24 | 650.24 |
| | | | 02/11/25 | NP | 8.2 | 16.10 | NA | NA | 650.72 | 650.72 |
| | | | 04/29/25 | NP | 7.2 | 16.08 | NA | NA | 651.72 | 651.72 |
| MW-82D | 658.45 | 18.0-23.0 | 05/22/17 | NP | 7.34 | 22.45 | NA | NA | 651.11 | 651.11 |
| | | | 07/24/17 | NP | 8.5 | 22.80 | NA | NA | 649.95 | 649.95 |
| | | | 11/06/17 | NP | 9.41 | 22.72 | NA | NA | 649.04 | 649.04 |
| | | | 02/05/18 | NP | 8.65 | 22.81 | NA | NA | 649.80 | 649.80 |
| | | | 05/07/18 | NP | 7.33 | 22.74 | NA | NA | 651.12 | 651.12 |
| | | | 08/16/18 | NP | 8.49 | NM | NA | NA | 649.96 | 649.96 |
| | | | 11/19/18 | NP | 7.59 | 22.70 | NA | NA | 650.86 | 650.86 |
| | | | 03/06/19 | NP | 7.65 | 23.00 | NA | NA | 650.80 | 650.80 |
| | | | 06/14/19 | NP | 7.1 | 22.70 | NA | NA | 651.35 | 651.35 |
| | | | 09/26/19 | NP | 8.65 | 22.75 | NA | NA | 649.80 | 649.80 |
| | | | 11/04/19 | NP | 8.38 | 22.73 | NA | NA | 650.07 | 650.07 |
| | | | 02/05/20 | NP | 7.16 | NM | NA | NA | 651.29 | 651.29 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 8.45 | NM | NA | NA | 650.00 | 650.00 |
| | | | 11/20/20 | NP | 8.81 | NM[5] | NA | NA | 649.64 | 649.64 |
| | | | 02/08/21 | NP | 8.46 | 22.72 | NA | NA | 649.99 | 649.99 |
| | | | 05/03/21 | NP | 8.09 | 22.72 | NA | NA | 650.36 | 650.36 |
| | | | 08/17/21 | NP | 7.36 | 22.70 | NA | NA | 651.09 | 651.09 |
| | | | 12/07/21 | NP | 7.12 | 22.69 | NA | NA | 651.33 | 651.33 |
| | | | 02/14/22 | NP | 7.75 | 22.72 | NA | NA | 650.70 | 650.70 |
| | | | 05/12/22 | NP | 6.73 | 22.72 | NA | NA | 651.72 | 651.72 |
| | | | 08/11/22 | NP | 8.12 | 22.70 | NA | NA | 650.33 | 650.33 |
| | | | 11/10/22 | NP | 9.11 | 22.71 | NA | NA | 649.34 | 649.34 |
| | | | 02/21/23 | NP | 8.25 | 22.60 | NA | NA | 650.20 | 650.20 |
| | | | 05/10/23 | NP | 7.13 | 22.71 | NA | NA | 651.32 | 651.32 |
| | | | 08/02/23 | NP | 8.19 | 22.32 | NA | NA | 650.26 | 650.26 |
| | | | 10/31/23 | NP | 8.77 | 22.74 | NA | NA | 649.68 | 649.68 |
| | | | 02/20/24 | NP | 7.45 | 22.75 | NA | NA | 651.00 | 651.00 |
| | | | 05/07/24 | NP | 7.05 | 22.70 | NA | NA | 651.40 | 651.40 |
| | | | 07/30/24 | NP | 7.64 | 22.70 | NA | NA | 650.81 | 650.81 |
| | | | 11/05/24 | NP | 8.72 | 22.70 | NA | NA | 649.73 | 649.73 |
| | | | 02/11/25 | NP | 8.16 | 27.70 | NA | NA | 650.29 | 650.29 |
| | | | 04/29/25 | NP | 7.28 | 22.70 | NA | NA | 651.17 | 651.17 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-83[1] | 660.09 | 8.0-13.0 | 05/22/17 | NP | 6.46 | 12.11 | NA | NA | 653.63 | 653.63 |
| | | | 07/24/17 | NP | 7.61 | 12.44 | NA | NA | 652.48 | 652.48 |
| | | | 11/06/17 | NP | 8.08 | 12.46 | NA | NA | 652.01 | 652.01 |
| | | | 02/05/18 | NP | 7.53 | 12.48 | NA | NA | 652.56 | 652.56 |
| | | | 05/07/18 | NP | 6.28 | 12.43 | NA | NA | 653.81 | 653.81 |
| | | | 08/16/18 | NP | 7.71 | NM | NA | NA | 652.38 | 652.38 |
| | | | 11/19/18 | NP | 6.78 | 12.38 | NA | NA | 653.31 | 653.31 |
| | | | 02/22/19 | NP | 6.71 | 12.40 | NA | NA | 653.38 | 653.38 |
| | | | 06/14/19 | NP | 6.25 | 12.40 | NA | NA | 653.84 | 653.84 |
| | | | 09/26/19 | NP | 7.95 | 12.41 | NA | NA | 652.14 | 652.14 |
| | | | 11/04/19 | NP | 7.36 | 12.43 | NA | NA | 652.73 | 652.73 |
| | | | 02/05/20 | NP | 6.35 | NM | NA | NA | 653.74 | 653.74 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 7.78 | NM | NA | NA | 652.31 | 652.31 |
| | | | 11/20/20 | NP | 7.98 | NM[5] | NA | NA | 652.11 | 652.11 |
| | | | 02/08/21 | NP | 7.82 | 12.76 | NA | NA | 652.27 | 652.27 |
| | | | 05/03/21 | NP | 7.42 | 12.41 | NA | NA | 652.67 | 652.67 |
| | | | 08/17/21 | NP | 6.75 | 12.80 | NA | NA | 653.34 | 653.34 |
| | | | 12/07/21 | NP | 6.53 | 12.80 | NA | NA | 653.56 | 653.56 |
| | | | 02/14/22 | NP | 7.05 | 12.42 | NA | NA | 653.04 | 653.04 |
| | | | 05/12/22 | NP | 6.13 | 12.41 | NA | NA | 653.96 | 653.96 |
| | | | 08/11/22 | NP | 7.49 | 12.40 | NA | NA | 652.60 | 652.60 |
| | | | 11/10/22 | NP | 8.37 | 12.41 | NA | NA | 651.72 | 651.72 |
| | | | 02/21/23 | NP | 7.3 | 12.44 | NA | NA | 652.79 | 652.79 |
| | | | 05/10/23 | NP | 6.51 | 12.40 | NA | NA | 653.58 | 653.58 |
| | | | 08/02/23 | NP | 7.5 | 12.40 | NA | NA | 652.59 | 652.59 |
| | | | 10/31/23 | NP | 8 | 12.44 | NA | NA | 652.09 | 652.09 |
| | | | 02/20/24 | NP | 6.7 | 12.45 | NA | NA | 653.39 | 653.39 |
| | | | 05/07/24 | NP | 6.5 | 12.43 | NA | NA | 653.59 | 653.59 |
| | | | 07/30/24 | NP | 7.08 | 12.39 | NA | NA | 653.01 | 653.01 |
| | | | 11/05/24 | NP | 8.06 | 12.40 | NA | NA | 652.03 | 652.03 |
| | | | 02/11/25 | NP | 7.56 | 12.42 | NA | NA | 652.53 | 652.53 |
| | | | 04/29/25 | NP | 6.92 | 12.78 | NA | NA | 653.17 | 653.17 |
| MW-83S | 660.26 | 3.0-13.0 | 02/22/19 | NP | 6.87 | 12.80 | NA | NA | 653.39 | 653.39 |
| | | | 06/14/19 | NP | 6.41 | 12.80 | NA | NA | 653.85 | 653.85 |
| | | | 09/26/19 | NP | 8.12 | 12.79 | NA | NA | 652.14 | 652.14 |
| | | | 11/04/19 | NP | 7.49 | 12.79 | NA | NA | 652.77 | 652.77 |
| | | | 02/05/20 | NP | 6.43 | NM | NA | NA | 653.83 | 653.83 |
| | | | 05/18/20 | NP | 6.62 | 12.80 | NA | NA | 653.64 | 653.64 |
| | | | 08/17/20 | NP | 7.93 | NM | NA | NA | 652.33 | 652.33 |
| | | | 11/20/20 | NP | 8.13 | NM[5] | NA | NA | 652.13 | 652.13 |
| | | | 02/08/21 | NP | 7.66 | 12.42 | NA | NA | 652.60 | 652.60 |
| | | | 05/03/21 | NP | 7.56 | 12.79 | NA | NA | 652.70 | 652.70 |
| | | | 08/17/21 | NP | 6.6 | 12.42 | NA | NA | 653.66 | 653.66 |
| | | | 12/07/21 | NP | 6.42 | 12.41 | NA | NA | 653.84 | 653.84 |
| | | | 02/14/22 | NP | 7.22 | 12.78 | NA | NA | 653.04 | 653.04 |
| | | | 02/14/22 | NP | 7.22 | 12.78 | NA | NA | 653.04 | 653.04 |
| | | | 05/12/22 | NP | 6.24 | 12.78 | NA | NA | 654.02 | 654.02 |
| | | | 08/11/22 | NP | 7.64 | 12.78 | NA | NA | 652.62 | 652.62 |
| | | | 11/10/22 | NP | 8.51 | 12.79 | NA | NA | 651.75 | 651.75 |
| | | | 02/21/23 | NP | 7.42 | 12.80 | NA | NA | 652.84 | 652.84 |
| | | | 05/10/23 | NP | 6.66 | 12.74 | NA | NA | 653.60 | 653.60 |
| | | | 08/02/23 | NP | 7.65 | 12.77 | NA | NA | 652.61 | 652.61 |
| | | | 10/31/23 | NP | 8.16 | 12.81 | NA | NA | 652.10 | 652.10 |
| | | | 02/20/24 | NP | 6.82 | 12.80 | NA | NA | 653.44 | 653.44 |
| | | | 05/07/24 | NP | 6.6 | 12.77 | NA | NA | 653.66 | 653.66 |
| | | | 07/30/24 | NP | 7.22 | 12.78 | NA | NA | 653.04 | 653.04 |
| | | | 11/05/24 | NP | 8.21 | 12.78 | NA | NA | 652.05 | 652.05 |
| | | | 02/11/25 | NP | 7.7 | 12.78 | NA | NA | 652.56 | 652.56 |
| | | | 04/29/25 | NP | 6.76 | 12.40 | NA | NA | 653.50 | 653.50 |
| MW-84 | 662.50 | 8.0-13.0 | 05/22/17 | NP | 3.26 | 12.28 | NA | NA | 659.24 | 659.24 |
| | | | 07/24/17 | NP | 5.19 | 12.59 | NA | NA | 657.31 | 657.31 |
| | | | 11/06/17 | NP | 5.54 | 12.52 | NA | NA | 656.96 | 656.96 |
| | | | 02/05/18 | NP | 4.6 | 12.60 | NA | NA | 657.90 | 657.90 |
| | | | 05/07/18 | NP | 2.9 | 12.55 | NA | NA | 659.60 | 659.60 |
| | | | 08/16/18 | NP | 5.22 | NM | NA | NA | 657.28 | 657.28 |
| | | | 11/19/18 | NP | 3.56 | 12.54 | NA | NA | 658.94 | 658.94 |
| | | | 02/22/19 | NP | 3.5 | 12.56 | NA | NA | 659.00 | 659.00 |
| | | | 06/14/19 | NP | 2.71 | 12.50 | NA | NA | 659.79 | 659.79 |
| | | | 09/26/19 | NP | 5.38 | 12.55 | NA | NA | 657.12 | 657.12 |
| | | | 11/04/19 | NP | 4.58 | 12.57 | NA | NA | 657.92 | 657.92 |
| | | | 02/05/20 | NP | 2.94 | NM | NA | NA | 659.56 | 659.56 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 5.04 | NM | NA | NA | 657.46 | 657.46 |
| | | | 11/20/20 | NP | 5.22 | 12.60[5] | NA | NA | 657.28 | 657.28 |
| | | | 02/08/21 | NP | 4.33 | 12.55 | NA | NA | 658.17 | 658.17 |
| | | | 05/03/21 | NP | 4.53 | 12.56 | NA | NA | 657.97 | 657.97 |
| | | | 08/17/21 | NP | 3.4 | 12.53 | NA | NA | 659.10 | 659.10 |
| | | | 12/07/21 | NP | 3.21 | 12.54 | NA | NA | 659.29 | 659.29 |
| | | | 02/14/22 | NP | 4.21 | 12.54 | NA | NA | 658.29 | 658.29 |
| | | | 05/12/22 | NP | 3.11 | 12.53 | NA | NA | 659.39 | 659.39 |
| | | | 08/11/22 | NP | 5.05 | 12.55 | NA | NA | 657.45 | 657.45 |
| | | | 11/10/22 | NP | 6.05 | 12.54 | NA | NA | 656.45 | 656.45 |
| | | | 02/21/23 | NP | 4.86 | 12.52 | NA | NA | 657.64 | 657.64 |
| MW-84 | 662.50 | 8.0-13.0 | 05/10/23 | NP | 3.75 | 12.56 | NA | NA | 658.75 | 658.75 |
| | | | 08/02/23 | NP | 5.28 | 12.54 | NA | NA | 657.22 | 657.22 |
| | | | 10/31/23 | NP | 5.82 | 12.55 | NA | NA | 656.68 | 656.68 |
| | | | 02/20/24 | NP | 4.05 | 12.57 | NA | NA | 658.45 | 658.45 |
| | | | 05/07/24 | NP | 3.75 | 12.54 | NA | NA | 658.75 | 658.75 |
| | | | 07/30/24 | NP | 4.57 | 12.53 | NA | NA | 657.93 | 657.93 |
| | | | 11/05/24 | NP | 5.78 | 12.51 | NA | NA | 656.72 | 656.72 |
| | | | 02/11/25 | NP | 4.98 | 12.45 | NA | NA | 657.52 | 657.52 |
| | | | 04/29/25 | NP | 4.12 | 12.46 | NA | NA | 658.38 | 658.38 |
| MW-84S | 662.69 | 2.5-12.5 | 02/22/19 | NP | 3.67 | 12.71 | NA | NA | 659.02 | 659.02 |
| | | | 06/14/19 | NP | 2.85 | 12.72 | NA | NA | 659.84 | 659.84 |
| | | | 09/26/19 | NP | 5.54 | 12.72 | NA | NA | 657.15 | 657.15 |
| | | | 11/04/19 | NP | 4.74 | 12.71 | NA | NA | 657.95 | 657.95 |
| | | | 02/05/20 | NP | 3.36 | NM | NA | NA | 659.33 | 659.33 |
| | | | 05/18/20 | NP | 2.96 | 12.72 | NA | NA | 659.73 | 659.73 |
| | | | 08/17/20 | NP | 5.2 | NM | NA | NA | 657.49 | 657.49 |
| | | | 11/20/20 | NP | 5.39 | 12.72[5] | NA | NA | 657.30 | 657.30 |
| | | | 02/08/21 | NP | 4.5 | 12.70 | NA | NA | 658.19 | 658.19 |
| | | | 05/03/21 | NP | 4.69 | 12.70 | NA | NA | 658.00 | 658.00 |
| | | | 08/17/21 | NP | 3.58 | 12.68 | NA | NA | 659.11 | 659.11 |
| | | | 12/07/21 | NP | 3.39 | 12.70 | NA | NA | 659.30 | 659.30 |
| | | | 02/14/22 | NP | 3.58 | 12.69 | NA | NA | 659.11 | 659.11 |
| | | | 05/12/22 | NP | 3.25 | 12.69 | NA | NA | 659.44 | 659.44 |
| | | | 08/11/22 | NP | 5.2 | 12.69 | NA | NA | 657.49 | 657.49 |
| | | | 11/10/22 | NP | 6.21 | 12.68 | NA | NA | 656.48 | 656.48 |
| | | | 02/21/23 | NP | 5 | 12.68 | NA | NA | 657.69 | 657.69 |
| | | | 05/10/23 | NP | 3.89 | 12.68 | NA | NA | 658.80 | 658.80 |
| | | | 08/02/23 | NP | 5.44 | 12.68 | NA | NA | 657.25 | 657.25 |
| | | | 10/31/23 | NP | 5.98 | 12.70 | NA | NA | 656.71 | 656.71 |
| | | | 02/20/24 | NP | 4.23 | 12.69 | NA | NA | 658.46 | 658.46 |
| | | | 05/07/24 | NP | 3.5 | 12.67 | NA | NA | 659.19 | 659.19 |
| | | | 07/30/24 | NP | 4.72 | 12.66 | NA | NA | 657.97 | 657.97 |
| | | | 11/05/24 | NP | 5.95 | 12.66 | NA | NA | 656.74 | 656.74 |
| | | | 02/11/25 | NP | 5.15 | 12.69 | NA | NA | 657.54 | 657.54 |
| | | | 04/29/25 | NP | 4.26 | 12.65 | NA | NA | 658.43 | 658.43 |

**See Notes on Last Page.**

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-85 | 658.85 | 8.0-13.0 | 05/22/17 | NP | 4.71 | 12.43 | NA | NA | 654.14 | 654.14 |
| | | | 07/24/17 | NP | 6.12 | 12.75 | NA | NA | 652.73 | 652.73 |
| | | | 11/06/17 | NP | 6.34 | 12.70 | NA | NA | 652.51 | 652.51 |
| | | | 02/05/18 | NP | 5.53 | 12.76 | NA | NA | 653.32 | 653.32 |
| | | | 05/07/18 | NP | 4.16 | 12.69 | NA | NA | 654.69 | 654.69 |
| | | | 08/16/18 | NP | 6.12 | NM | NA | NA | 652.73 | 652.73 |
| | | | 11/19/18 | NP | 5.33 | 12.66 | NA | NA | 653.52 | 653.52 |
| | | | 02/22/19 | NP | 4.75 | 12.70 | NA | NA | 654.10 | 654.10 |
| | | | 06/14/19 | NP | 4.5 | 12.70 | NA | NA | 654.35 | 654.35 |
| | | | 09/26/19 | NP | 6.32 | 12.69 | NA | NA | 652.53 | 652.53 |
| | | | 11/04/19 | NP | 5.97 | 12.69 | NA | NA | 652.88 | 652.88 |
| | | | 02/05/20 | NP | 4.4 | NM | NA | NA | 654.45 | 654.45 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 6.06 | NM | NA | NA | 652.79 | 652.79 |
| | | | 11/20/20 | NP | 6.23 | NM[5] | NA | NA | 652.62 | 652.62 |
| | | | 02/08/21 | NP | 5.73 | 12.69 | NA | NA | 653.12 | 653.12 |
| | | | 05/03/21 | NP | 5.46 | 12.68 | NA | NA | 653.39 | 653.39 |
| | | | 08/17/21 | NP | 5.5 | 12.68 | NA | NA | 653.35 | 653.35 |
| | | | 12/07/21 | NP | 5.37 | 12.67 | NA | NA | 653.48 | 653.48 |
| | | | 02/14/22 | NP | 5.2 | 12.70 | NA | NA | 653.65 | 653.65 |
| | | | 05/12/22 | NP | 3.34 | 12.67 | NA | NA | 655.51 | 655.51 |
| | | | 08/11/22 | NP | 6.01 | 12.68 | NA | NA | 652.84 | 652.84 |
| | | | 11/10/22 | NP | 6.71 | 12.68 | NA | NA | 652.14 | 652.14 |
| | | | 02/21/23 | NP | 5.6 | 12.72 | NA | NA | 653.25 | 653.25 |
| | | | 05/10/23 | NP | 4.63 | 12.68 | NA | NA | 654.22 | 654.22 |
| | | | 08/02/23 | NP | 6.06 | 12.67 | NA | NA | 652.79 | 652.79 |
| | | | 10/31/23 | NP | 6.55 | 12.70 | NA | NA | 652.30 | 652.30 |
| | | | 02/20/24 | NP | 4.85 | 12.70 | NA | NA | 654.00 | 654.00 |
| | | | 05/07/24 | NP | 4.81 | 12.67 | NA | NA | 654.04 | 654.04 |
| | | | 07/30/24 | NP | 5.92 | 12.67 | NA | NA | 652.93 | 652.93 |
| | | | 11/05/24 | NP | 6.59 | 12.67 | NA | NA | 652.26 | 652.26 |
| | | | 02/11/25 | NP | 5.72 | 12.67 | NA | NA | 653.13 | 653.13 |
| | | | 04/29/25 | NP | 4.92 | 12.66 | NA | NA | 653.93 | 653.93 |
| MW-85S | NS | 2.5-12.5 | 12/07/18 | NP | 5.42 | 12.35 | NA | NA | NA | NA |
| | | | 03/01/19 | Monitoring Well Abandoned | | | | | | |
| MW-85SR | 658.99 | 4.5-9.5 | 06/14/19 | NP | 4.7 | 8.45 | NA | NA | 654.29 | 654.29 |
| | | | 09/26/19 | NP | 6.45 | 8.45 | NA | NA | 652.54 | 652.54 |
| | | | 11/04/19 | NP | 6.08 | 8.45 | NA | NA | 652.91 | 652.91 |
| | | | 02/05/20 | NP | 4.57 | NM | NA | NA | 654.42 | 654.42 |
| | | | 05/18/20 | NP | 4.5 | 8.48 | NA | NA | 654.49 | 654.49 |
| | | | 08/17/20 | NP | 6.18 | NM | NA | NA | 652.81 | 652.81 |
| | | | 11/20/20 | NP | 6.13 | NM[5] | NA | NA | 652.86 | 652.86 |
| | | | 02/08/21 | Could Not Access; covered by ice/snow | | | | | | |
| | | | 05/03/21 | NP | 5.57 | 8.45 | NA | NA | 653.42 | 653.42 |
| | | | 08/17/21 | NP | 5.59 | 8.45 | NA | NA | 653.40 | 653.40 |
| | | | 12/07/21 | NP | 5.41 | 8.45 | NA | NA | 653.58 | 653.58 |
| | | | 02/14/22 | Could Not Access; covered by ice/snow | | | | | | |
| | | | 05/12/22 | NP | 4.55 | 8.45 | NA | NA | 654.44 | 654.44 |
| | | | 08/11/22 | NP | 6.13 | 8.27 | NA | NA | 652.86 | 652.86 |
| | | | 11/10/22 | NP | 6.8 | 8.27 | NA | NA | 652.19 | 652.19 |
| | | | 02/21/23 | NP | 5.7 | 8.30 | NA | NA | 653.29 | 653.29 |
| | | | 05/10/23 | NP | 4.81 | 8.30 | NA | NA | 654.18 | 654.18 |
| | | | 08/02/23 | NP | 6.18 | 8.27 | NA | NA | 652.81 | 652.81 |
| | | | 10/31/23 | NP | 6.61 | 8.30 | NA | NA | 652.38 | 652.38 |
| | | | 02/20/24 | NP | 4.97 | 8.22 | NA | NA | 654.02 | 654.02 |
| | | | 05/07/24 | NP | 4.98 | 8.21 | NA | NA | 654.01 | 654.01 |
| | | | 07/30/24 | NP | 6.03 | 8.29 | NA | NA | 652.96 | 652.96 |
| | | | 11/05/24 | NP | 6.66 | 8.30 | NA | NA | 652.33 | 652.33 |
| | | | 02/11/25 | NP | 5.86 | 8.30 | NA | NA | 653.13 | 653.13 |
| | | | 04/29/25 | NP | 5.1 | 8.21 | NA | NA | 653.89 | 653.89 |
| MW-86 | 666.11 | 12.0-17.0 | 05/22/17 | NP | 6.25 | 16.35 | NA | NA | 652.74 | 652.74 |
| | | | 07/24/17 | NP | 8.07 | 16.66 | NA | NA | 650.92 | 650.92 |
| | | | 11/06/17 | NP | 8.7 | 16.58 | NA | NA | 657.41 | 657.41 |
| | | | 02/05/18 | NP | 7.87 | 16.72 | NA | NA | 658.24 | 658.24 |
| | | | 05/07/18 | NP | 6.03 | 16.60 | NA | NA | 660.08 | 660.08 |
| | | | 08/16/18 | NP | 8.06 | NM | NA | NA | 658.05 | 658.05 |
| | | | 11/19/18 | NP | 6.66 | 16.59 | NA | NA | 659.45 | 659.45 |
| | | | 02/22/19 | NP | 6.67 | 16.61 | NA | NA | 659.44 | 659.44 |
| | | | 06/14/19 | NP | 5.78 | 16.64 | NA | NA | 660.33 | 660.33 |
| | | | 09/26/19 | NP | 8.15 | 16.61 | NA | NA | 657.96 | 657.96 |
| | | | 11/04/19 | NP | 7.6 | 16.62 | NA | NA | 658.51 | 658.51 |
| | | | 02/05/20 | NP | 5.92 | NM | NA | NA | 660.19 | 660.19 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 7.83 | NM | NA | NA | 658.28 | 658.28 |
| | | | 11/20/20 | NP | 8.22 | 16.66[5] | NA | NA | 657.89 | 657.89 |
| | | | 02/08/21 | NP | 7.85 | 16.61 | NA | NA | 658.26 | 658.26 |
| | | | 05/03/21 | NP | 7.51 | 16.62 | NA | NA | 658.60 | 658.60 |
| | | | 08/17/21 | NP | 6.43 | 16.60 | NA | NA | 659.68 | 659.68 |
| | | | 12/07/21 | NP | 7.27 | 16.61 | NA | NA | 658.84 | 658.84 |
| | | | 02/14/22 | NP | 7.85 | 16.60 | NA | NA | 658.26 | 658.26 |
| | | | 05/12/22 | NP | 6.78 | 16.60 | NA | NA | 659.33 | 659.33 |
| | | | 08/11/22 | NP | 8.08 | 16.61 | NA | NA | 658.03 | 658.03 |
| | | | 11/10/22 | NP | 9.17 | 16.60 | NA | NA | 656.94 | 656.94 |
| | | | 02/21/23 | NP | 8.29 | 16.58 | NA | NA | 657.82 | 657.82 |
| | | | 05/10/23 | NP | 7.37 | 16.62 | NA | NA | 658.74 | 658.74 |
| MW-86 | 666.11 | 12.0-17.0 | 08/02/23 | NP | 8.29 | 16.60 | NA | NA | 657.82 | 657.82 |
| | | | 10/31/23 | NP | 9.03 | 16.60 | NA | NA | 657.08 | 657.08 |
| | | | 02/20/24 | NP | 7.3 | 16.60 | NA | NA | 658.81 | 658.81 |
| | | | 05/07/24 | NP | 6.88 | 16.60 | NA | NA | 659.23 | 659.23 |
| | | | 07/30/24 | NP | 7.5 | 16.59 | NA | NA | 658.61 | 658.61 |
| | | | 11/05/24 | NP | 8.92 | 16.58 | NA | NA | 657.19 | 657.19 |
| | | | 02/11/25 | NP | 8.4 | 16.59 | NA | NA | 657.71 | 657.71 |
| | | | 04/29/25 | NP | 7.27 | 16.59 | NA | NA | 658.84 | 658.84 |
| MW-86S | 666.14 | 2.5-12.5 | 02/22/19 | NP | 6.83 | 12.33 | NA | NA | 659.31 | 659.31 |
| | | | 06/14/19 | NP | 5.93 | 12.33 | NA | NA | 660.21 | 660.21 |
| | | | 09/26/19 | NP | 8.33 | 12.36 | NA | NA | 657.81 | 657.81 |
| | | | 11/04/19 | NP | 7.8 | 12.34 | NA | NA | 658.34 | 658.34 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-86S | 666.14 | 2.5-12.5 | 02/05/20 | NP | 6.09 | NM | NA | NA | 660.05 | 660.05 |
| | | | 05/18/20 | NP | 6.43 | 12.34 | NA | NA | 659.71 | 659.71 |
| | | | 08/17/20 | NP | 8 | NM | NA | NA | 658.14 | 658.14 |
| | | | 11/20/20 | NP | 8.4 | 12.38[5] | NA | NA | 657.74 | 657.74 |
| | | | 02/08/21 | NP | 8.02 | 12.32 | NA | NA | 658.12 | 658.12 |
| | | | 05/03/21 | NP | 7.75 | 12.33 | NA | NA | 658.39 | 658.39 |
| | | | 08/17/21 | NP | 6.6 | 12.33 | NA | NA | 659.54 | 659.54 |
| | | | 12/07/21 | NP | 7.4 | 12.32 | NA | NA | 658.74 | 658.74 |
| | | | 02/14/22 | NP | 8.01 | 12.32 | NA | NA | 658.13 | 658.13 |
| | | | 05/12/22 | NP | 6.93 | 12.32 | NA | NA | 659.21 | 659.21 |
| | | | 08/11/22 | NP | 8.26 | 12.34 | NA | NA | 657.88 | 657.88 |
| | | | 11/10/22 | NP | 9.37 | 12.33 | NA | NA | 656.77 | 656.77 |
| | | | 02/21/23 | NP | 8.42 | 12.32 | NA | NA | 657.72 | 657.72 |
| | | | 05/10/23 | NP | 7.54 | 12.32 | NA | NA | 658.60 | 658.60 |
| | | | 08/02/23 | NP | 8.49 | 12.34 | NA | NA | 657.65 | 657.65 |
| | | | 10/31/23 | NP | 9.23 | 12.33 | NA | NA | 656.91 | 656.91 |
| | | | 02/20/24 | NP | 7.51 | 12.36 | NA | NA | 658.63 | 658.63 |
| | | | 05/07/24 | NP | 7.05 | 12.33 | NA | NA | 659.09 | 659.09 |
| | | | 07/30/24 | NP | 7.74 | 12.31 | NA | NA | 658.40 | 658.40 |
| | | | 11/05/24 | NP | 9.12 | 12.34 | NA | NA | 657.02 | 657.02 |
| | | | 02/11/25 | NP | 8.57 | 12.32 | NA | NA | 657.57 | 657.57 |
| | | | 04/29/25 | NP | 7.44 | 12.32 | NA | NA | 658.70 | 658.70 |
| MW-87 | 668.81 | 14.0-19.0 | 05/22/17 | NP | 9.41 | 18.55 | NA | NA | 659.40 | 659.40 |
| | | | 07/24/17 | NP | 10.65 | 18.85 | NA | NA | 658.16 | 658.16 |
| | | | 11/06/17 | NP | 11.42 | 18.79 | NA | NA | 657.39 | 657.39 |
| | | | 02/05/18 | NP | 11.06 | 18.86 | NA | NA | 657.75 | 657.75 |
| | | | 05/07/18 | NP | 9.39 | 18.80 | NA | NA | 659.42 | 659.42 |
| | | | 08/16/18 | NP | 10.61 | NM | NA | NA | 658.20 | 658.20 |
| | | | 11/19/18 | NP | 9.68 | 18.79 | NA | NA | 659.13 | 659.13 |
| | | | 02/22/19 | NP | 9.79 | 18.82 | NA | NA | 659.02 | 659.02 |
| | | | 06/14/19 | NP | 8.75 | 18.81 | NA | NA | 660.06 | 660.06 |
| | | | 09/26/19 | NP | 10.45 | 18.83 | NA | NA | 658.36 | 658.36 |
| | | | 11/04/19 | NP | 10.15 | 18.82 | NA | NA | 658.66 | 658.66 |
| | | | 02/05/20 | NP | 9.05 | NM | NA | NA | 659.76 | 659.76 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 10.08 | NM | NA | NA | 658.73 | 658.73 |
| | | | 11/20/20 | NP | 10.3 | 18.85[5] | NA | NA | 658.51 | 658.51 |
| | | | 02/08/21 | NP | 9.92 | 18.83 | NA | NA | 658.89 | 658.89 |
| | | | 05/03/21 | NP | 9.65 | 18.83 | NA | NA | 659.16 | 659.16 |
| | | | 08/17/21 | NP | 8.84 | 18.80 | NA | NA | 659.97 | 659.97 |
| | | | 12/07/21 | NP | 10.22 | 18.81 | NA | NA | 658.59 | 658.59 |
| | | | 02/14/22 | NP | 10.64 | 18.80 | NA | NA | 658.17 | 658.17 |
| | | | 05/12/22 | NP | 9.89 | 18.81 | NA | NA | 658.92 | 658.92 |
| | | | 08/11/22 | NP | 10.99 | 18.81 | NA | NA | 657.82 | 657.82 |
| | | | 11/10/22 | NP | 12.12 | 18.80 | NA | NA | 656.69 | 656.69 |
| | | | 02/21/23 | NP | 11.74 | 18.80 | NA | NA | 657.07 | 657.07 |
| | | | 05/10/23 | NP | 10.55 | 18.83 | NA | NA | 658.26 | 658.26 |
| | | | 08/02/23 | NP | 11.26 | 18.81 | NA | NA | 657.55 | 657.55 |
| | | | 10/31/23 | NP | 12.01 | 18.81 | NA | NA | 656.80 | 656.80 |
| | | | 02/20/24 | NP | 10.63 | 18.83 | NA | NA | 658.18 | 658.18 |
| | | | 05/07/24 | NP | 10.29 | 18.81 | NA | NA | 658.52 | 658.52 |
| | | | 07/30/24 | NP | 10.6 | 18.81 | NA | NA | 658.21 | 658.21 |
| | | | 11/05/24 | NP | 11.9 | 18.81 | NA | NA | 656.91 | 656.91 |
| | | | 02/11/25 | NP | 11.84 | 18.82 | NA | NA | 656.97 | 656.97 |
| | | | 04/29/25 | NP | 10.8 | 18.80 | NA | NA | 658.01 | 658.01 |
| MW-87S | 668.65 | 4.5-14.5 | 02/22/19 | NP | 9.95 | 14.14 | NA | NA | 658.70 | 658.70 |
| | | | 06/14/19 | NP | 8.55 | 14.12 | NA | NA | 660.10 | 660.10 |
| | | | 09/26/19 | NP | 10.28 | 14.10 | NA | NA | 658.37 | 658.37 |
| | | | 11/04/19 | NP | 9.98 | 13.82[2] | NA | NA | 658.67 | 658.67 |
| | | | 02/05/20 | NP | 9.83 | NM | NA | NA | 658.82 | 658.82 |
| | | | 05/18/20 | NP | 8.98 | 14.13 | NA | NA | 659.67 | 659.67 |
| | | | 08/17/20 | NP | 9.88 | NM | NA | NA | 658.77 | 658.77 |
| | | | 11/20/20 | NP | 10.05 | 14.15[5] | NA | NA | 658.60 | 658.60 |
| | | | 02/08/21 | NP | 9.65 | 14.12 | NA | NA | 659.00 | 659.00 |
| | | | 05/03/21 | NP | 9.38 | 14.13 | NA | NA | 659.27 | 659.27 |
| | | | 08/17/21 | NP | 8.56 | 14.10 | NA | NA | 660.09 | 660.09 |
| | | | 12/07/21 | NP | 10.05 | 14.10 | NA | NA | 658.60 | 658.60 |
| | | | 02/14/22 | Could Not Access; flooded/ice in vault | | | | | | |
| | | | 05/12/22 | NP | 9.74 | 14.10 | NA | NA | 658.91 | 658.91 |
| | | | 08/11/22 | NP | 10.84 | 14.10 | NA | NA | 657.81 | 657.81 |
| | | | 11/10/22 | NP | 11.96 | 14.07 | NA | NA | 656.69 | 656.69 |
| | | | 02/21/23 | NP | 11.61 | 14.08 | NA | NA | 657.04 | 657.04 |
| | | | 05/10/23 | NP | 10.38 | 14.08 | NA | NA | 658.27 | 658.27 |
| | | | 08/02/23 | NP | 11.1 | 14.08 | NA | NA | 657.55 | 657.55 |
| | | | 10/31/23 | NP | 11.88 | 14.09 | NA | NA | 656.77 | 656.77 |
| | | | 02/20/24 | NP | 10.5 | 14.07 | NA | NA | 658.15 | 658.15 |
| | | | 05/07/24 | NP | 10.15 | 14.06 | NA | NA | 658.50 | 658.50 |
| | | | 07/30/24 | NP | 10.46 | 14.08 | NA | NA | 658.19 | 658.19 |
| | | | 11/05/24 | NP | 11.76 | 14.08 | NA | NA | 656.89 | 656.89 |
| | | | 02/11/25 | NP | 11.69 | 14.07 | NA | NA | 656.96 | 656.96 |
| | | | 04/29/25 | NP | 10.6 | 14.00 | NA | NA | 658.05 | 658.05 |
| MW-96S | 662.21 | 2.5-12.5 | 02/22/19 | NP | 5.13 | 12.10 | NA | NA | 657.08 | 657.08 |
| | | | 06/14/19 | NP | 4.57 | 12.08 | NA | NA | 657.64 | 657.64 |
| | | | 09/26/19 | NP | 6.74 | 12.09 | NA | NA | 655.47 | 655.47 |
| | | | 11/04/19 | NP | 6.01 | 12.10 | NA | NA | 656.20 | 656.20 |
| | | | 02/05/20 | NP | 4.58 | NM | NA | NA | 657.63 | 657.63 |
| | | | 05/18/20 | NP | 4.64 | 12.99 | NA | NA | 657.57 | 657.57 |
| | | | 08/17/20 | NP | 6.43 | NM | NA | NA | 655.78 | 655.78 |
| | | | 11/20/20 | NP | 6.54 | 12.10[5] | NA | NA | 655.67 | 655.67 |
| | | | 02/08/21 | NP | 6.19 | 12.10 | NA | NA | 656.02 | 656.02 |
| | | | 05/03/21 | NP | 5.96 | 12.08 | NA | NA | 656.25 | 656.25 |
| | | | 08/17/21 | NP | 4.98 | 12.08 | NA | NA | 657.23 | 657.23 |
| | | | 12/07/21 | NP | 5.04 | 12.10 | NA | NA | 657.17 | 657.17 |
| | | | 02/14/22 | NP | 5.85 | 12.08 | NA | NA | 656.36 | 656.36 |
| | | | 05/12/22 | NP | 4.86 | 12.08 | NA | NA | 657.35 | 657.35 |
| | | | 08/11/22 | NP | 6.63 | 12.09 | NA | NA | 655.58 | 655.58 |
| | | | 11/10/22 | NP | 7.51 | 12.10 | NA | NA | 654.70 | 654.70 |
| | | | 02/21/23 | NP | 6.32 | 12.06 | NA | NA | 655.89 | 655.89 |
| | | | 05/10/23 | NP | 5.48 | 12.06 | NA | NA | 656.73 | 656.73 |
| | | | 08/02/23 | NP | 6.72 | 12.06 | NA | NA | 655.49 | 655.49 |
| | | | 10/31/23 | NP | 7.35 | 12.09 | NA | NA | 654.86 | 654.86 |
| | | | 02/20/24 | NP | 5.57 | 12.10 | NA | NA | 656.64 | 656.64 |
| | | | 05/07/24 | NP | 5.37 | 12.09 | NA | NA | 656.84 | 656.84 |
| | | | 07/30/24 | NP | 6.1 | 12.07 | NA | NA | 656.11 | 656.11 |
| | | | 11/05/24 | NP | 7.3 | 12.03 | NA | NA | 654.91 | 654.91 |
| | | | 02/11/25 | NP | 6.52 | 12.00 | NA | NA | 655.69 | 655.69 |
| | | | 04/29/25 | NP | 5.7 | 11.40 | NA | NA | 656.51 | 656.51 |
| MW-97S | 660.07 | 2.5-12.5 | 03/06/19 | NP | 4.47 | 11.96 | NA | NA | 655.60 | 655.60 |
| | | | 06/14/19 | NP | 3.96 | 12.01 | NA | NA | 656.11 | 656.11 |
| | | | 09/26/19 | NP | 5.72 | 12.01 | NA | NA | 654.35 | 654.35 |
| | | | 11/04/19 | NP | 4.98 | 12.01 | NA | NA | 655.09 | 655.09 |
| | | | 02/05/20 | NP | 4.43 | NM | NA | NA | 655.64 | 655.64 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 5.37 | NM | NA | NA | 654.70 | 654.70 |
| | | | 11/20/20 | NP | 5.6 | 12.01[5] | NA | NA | 654.47 | 654.47 |
| | | | 02/08/21 | NP | 5.3 | 12.00 | NA | NA | 654.77 | 654.77 |
| | | | 05/03/21 | NP | 5.08 | 12.00 | NA | NA | 654.99 | 654.99 |
| | | | 08/17/21 | NP | 4.1 | 12.00 | NA | NA | 655.97 | 655.97 |

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**Table 3**
**Groundwater Elevations**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-97S | 660.07 | 2.5-12.5 | 12/07/21 | NP | 4.35 | 12.01 | NA | NA | 655.72 | 655.72 |
| | | | 02/14/22 | NP | 4.94 | 12.00 | NA | NA | 655.13 | 655.13 |
| | | | 05/12/22 | NP | 4.19 | 12.01 | NA | NA | 655.88 | 655.88 |
| | | | 08/11/22 | NP | 5.57 | 12.03 | NA | NA | 654.50 | 654.50 |
| | | | 11/10/22 | NP | 6.4 | 12.00 | NA | NA | 653.67 | 653.67 |
| | | | 02/21/23 | NP | 5.39 | 11.99 | NA | NA | 654.68 | 654.68 |
| | | | 05/10/23 | NP | 4.77 | 11.99 | NA | NA | 655.30 | 655.30 |
| | | | 08/02/23 | NP | 5.74 | 11.99 | NA | NA | 654.33 | 654.33 |
| | | | 10/31/23 | NP | 6.36 | 11.99 | NA | NA | 653.71 | 653.71 |
| | | | 02/20/24 | NP | 4.8 | 12.00 | NA | NA | 655.27 | 655.27 |
| | | | 05/07/24 | NP | 4.58 | 11.97 | NA | NA | 655.49 | 655.49 |
| | | | 07/30/24 | NP | 5.03 | 12.00 | NA | NA | 655.04 | 655.04 |
| | | | 11/05/24 | NP | 6.31 | 12.00 | NA | NA | 653.76 | 653.76 |
| | | | 02/11/25 | NP | 5.68 | 12.00 | NA | NA | 654.39 | 654.39 |
| | | | 04/29/25 | NP | 4.9 | 12.10 | NA | NA | 655.17 | 655.17 |
| MW-98S | 656.10 | 2.5-12.5 | 02/22/19 | NP | 1.6 | 12.09 | NA | NA | 654.50 | 654.50 |
| | | | 06/14/19 | NP | 0.79 | 12.10 | NA | NA | 655.31 | 655.31 |
| | | | 09/26/19 | NP | 3.23 | 12.09 | NA | NA | 652.87 | 652.87 |
| | | | 11/04/19 | NP | 2.1 | 12.09 | NA | NA | 654.00 | 654.00 |
| | | | 02/05/20 | NP | 1.21 | NM | NA | NA | 654.89 | 654.89 |
| | | | 05/18/20 | NP | 0.85 | 12.09 | NA | NA | 655.25 | 655.25 |
| | | | 08/17/20 | NP | 2.84 | NM | NA | NA | 653.26 | 653.26 |
| | | | 11/20/20 | NP | 2.8 | 12.10[5] | NA | NA | 653.30 | 653.30 |
| | | | 02/08/21 | NP | 2.81 | 12.10 | NA | NA | 653.29 | 653.29 |
| | | | 05/03/21 | NP | 2.46 | 12.10 | NA | NA | 653.64 | 653.64 |
| | | | 08/17/21 | NP | 1.46 | 12.10 | NA | NA | 654.64 | 654.64 |
| | | | 12/07/21 | NP | 1.1 | 12.10 | NA | NA | 655.00 | 655.00 |
| | | | 02/14/22 | NP | 2.35 | 12.09 | NA | NA | 653.75 | 653.75 |
| | | | 05/12/22 | NP | 1.6 | 12.10 | NA | NA | 654.50 | 654.50 |
| | | | 08/11/22 | NP | 2.79 | 12.10 | NA | NA | 653.31 | 653.31 |
| | | | 11/10/22 | NP | 3.8 | 12.08 | NA | NA | 652.30 | 652.30 |
| | | | 02/21/23 | NP | 2.51 | 12.05 | NA | NA | 653.59 | 653.59 |
| | | | 05/10/23 | NP | 1.76 | 12.07 | NA | NA | 654.34 | 654.34 |
| | | | 08/02/23 | NP | 2.86 | 12.09 | NA | NA | 653.24 | 653.24 |
| | | | 10/31/23 | NP | 3.39 | 12.09 | NA | NA | 652.71 | 652.71 |
| | | | 02/20/24 | NP | 2.04 | 12.10 | NA | NA | 654.06 | 654.06 |
| | | | 05/07/24 | NP | 1.9 | 12.08 | NA | NA | 654.20 | 654.20 |
| | | | 07/30/24 | NP | 2.05 | 12.08 | NA | NA | 654.05 | 654.05 |
| | | | 11/05/24 | NP | 3.45 | 12.08 | NA | NA | 652.65 | 652.65 |
| | | | 02/11/25 | NP | 2.76 | 12.04 | NA | NA | 653.34 | 653.34 |
| | | | 04/29/25 | NP | 2.18 | 12.05 | NA | NA | 653.92 | 653.92 |
| MW-99S | 667.38 | 3.0-13.0 | 02/22/19 | NP | 6 | 12.84 | NA | NA | 661.38 | 661.38 |
| | | | 06/14/19 | NP | 5.2 | 12.86 | NA | NA | 662.18 | 662.18 |
| | | | 09/26/19 | NP | 6.89 | 12.85 | NA | NA | 660.49 | 660.49 |
| | | | 11/04/19 | NP | 6.71 | 12.87 | NA | NA | 660.67 | 660.67 |
| | | | 02/05/20 | NP | 5.83 | NM | NA | NA | 661.55 | 661.55 |
| | | | 05/18/20 | NP | 5.81 | 12.88 | NA | NA | 661.57 | 661.57 |
| | | | 08/17/20 | NP | 6.75 | NM | NA | NA | 660.63 | 660.63 |
| | | | 11/20/20 | NP | 7.32 | NM[5] | NA | NA | 660.06 | 660.06 |
| | | | 02/08/21 | NP | 7.31 | 12.87 | NA | NA | 660.07 | 660.07 |
| | | | 05/03/21 | NP | 6.89 | 12.84 | NA | NA | 660.49 | 660.49 |
| | | | 08/17/21 | NP | 5.86 | 12.86 | NA | NA | 661.52 | 661.52 |
| | | | 12/07/21 | NP | 5.9 | 12.86 | NA | NA | 661.48 | 661.48 |
| | | | 02/14/22 | NP | 6.32 | 12.85 | NA | NA | 661.06 | 661.06 |
| | | | 05/12/22 | NP | 5.28 | 12.85 | NA | NA | 662.10 | 662.10 |
| | | | 08/11/22 | NP | 6.53 | 12.85 | NA | NA | 660.85 | 660.85 |
| | | | 11/10/22 | NP | 7.02 | 12.89 | NA | NA | 660.36 | 660.36 |
| | | | 02/21/23 | NP | 7.35 | 12.86 | NA | NA | 660.03 | 660.03 |
| | | | 05/10/23 | NP | 5.99 | 12.86 | NA | NA | 661.39 | 661.39 |
| | | | 08/02/23 | NP | 6.83 | 12.87 | NA | NA | 660.55 | 660.55 |
| | | | 10/31/23 | NP | 7.54 | 12.89 | NA | NA | 659.84 | 659.84 |
| | | | 02/20/24 | NP | 6.38 | 12.87 | NA | NA | 661.00 | 661.00 |
| | | | 05/07/24 | NP | 5.93 | 12.86 | NA | NA | 661.45 | 661.45 |
| | | | 07/30/24 | NP | 6.25 | 12.85 | NA | NA | 661.13 | 661.13 |
| | | | 11/05/24 | NP | 7.45 | 12.87 | NA | NA | 659.93 | 659.93 |
| | | | 02/11/25 | NP | 7.27 | 12.85 | NA | NA | 660.11 | 660.11 |
| | | | 04/29/25 | NP | 6.96 | 12.85 | NA | NA | 660.42 | 660.42 |
| MW-100S | 667.64 | 3.0-13.0 | 02/22/19 | NP | 6.64 | 12.90 | NA | NA | 661.00 | 661.00 |
| | | | 06/14/19 | NP | 5.53 | 12.88 | NA | NA | 662.11 | 662.11 |
| | | | 09/26/19 | NP | 6.98 | 12.89 | NA | NA | 660.66 | 660.66 |
| | | | 11/04/19 | NP | 6.76 | 12.90 | NA | NA | 660.88 | 660.88 |
| | | | 02/05/20 | NP | 6.33 | NM | NA | NA | 661.31 | 661.31 |
| | | | 05/18/20 | NP | 6.38 | 12.90 | NA | NA | 661.26 | 661.26 |
| | | | 08/17/20 | NP | 6.8 | NM | NA | NA | 660.84 | 660.84 |
| | | | 11/20/20 | NP | 7.52 | NM[5] | NA | NA | 660.12 | 660.12 |
| | | | 02/08/21 | NP | 7.75 | 12.90 | NA | NA | 659.89 | 659.89 |
| | | | 05/03/21 | Could Not Open; lid bolts bent | | | | | | |
| | | | 08/17/21 | NP | 6.2 | 12.89 | NA | NA | 661.44 | 661.44 |
| | | | 12/07/21 | NP | 6.51 | 12.89 | NA | NA | 661.13 | 661.13 |
| | | | 02/14/22 | NP | 6.67 | 12.90 | NA | NA | 660.97 | 660.97 |
| | | | 05/12/22 | NP | 6.1 | 12.88 | NA | NA | 661.54 | 661.54 |
| | | | 08/11/22 | NP | 6.86 | 12.87 | NA | NA | 660.78 | 660.78 |
| | | | 11/10/22 | NP | 8.1 | 12.90 | NA | NA | 659.54 | 659.54 |
| | | | 02/21/23 | NP | 8.14 | 12.89 | NA | NA | 659.50 | 659.50 |
| | | | 05/10/23 | NP | 6.85 | 12.88 | NA | NA | 660.79 | 660.79 |
| | | | 08/02/23 | NP | 7.13 | 12.89 | NA | NA | 660.51 | 660.51 |
| | | | 10/31/23 | NP | 7.88 | 12.87 | NA | NA | 659.76 | 659.76 |
| | | | 02/20/24 | NP | 7.27 | 12.88 | NA | NA | 660.37 | 660.37 |
| | | | 05/07/24 | NP | 6.85 | 12.88 | NA | NA | 660.79 | 660.79 |
| | | | 07/30/24 | NP | 6.6 | 12.87 | NA | NA | 661.04 | 661.04 |
| | | | 11/05/24 | NP | 7.81 | 12.88 | NA | NA | 659.83 | 659.83 |
| | | | 02/11/25 | NP | 8.2 | 12.88 | NA | NA | 659.44 | 659.44 |
| | | | 04/29/25 | NP | 7.2 | 12.90 | NA | NA | 660.44 | 660.44 |
| MW-101S | 668.82 | 4.5-14.5 | 03/06/19 | NP | 8.21 | 14.01 | NA | NA | 660.61 | 660.61 |
| | | | 06/14/19 | NP | 7.78 | 14.07 | NA | NA | 661.04 | 661.04 |
| | | | 09/26/19 | NP | 8.33 | 14.06 | NA | NA | 660.49 | 660.49 |
| | | | 11/04/19 | NP | 8.26 | 14.06 | NA | NA | 660.56 | 660.56 |
| | | | 02/05/20 | NP | 7.91 | NM | NA | NA | 660.91 | 660.91 |
| | | | 05/18/20 | NP | 7.95 | 14.07 | NA | NA | 660.87 | 660.87 |
| | | | 08/17/20 | NP | 8.05 | NM | NA | NA | 660.77 | 660.77 |
| | | | 11/20/20 | NP | 8.84 | NM[5] | NA | NA | 659.98 | 659.98 |
| | | | 02/08/21 | NP | 9.21 | 14.06 | NA | NA | 659.61 | 659.61 |
| | | | 05/03/21 | NP | 9.06 | 14.06 | NA | NA | 659.76 | 659.76 |
| | | | 08/17/21 | NP | 7.98 | 14.05 | NA | NA | 660.84 | 660.84 |
| | | | 12/07/21 | NP | 8.15 | 14.02 | NA | NA | 660.67 | 660.67 |
| | | | 02/14/22 | NP | 8.08 | 14.00 | NA | NA | 660.74 | 660.74 |
| | | | 05/12/22 | NP | 7.94 | 14.05 | NA | NA | 660.88 | 660.88 |
| | | | 08/11/22 | NP | 8.42 | 14.04 | NA | NA | 660.40 | 660.40 |
| | | | 11/10/22 | NP | 9.51 | 14.03 | NA | NA | 659.31 | 659.31 |
| | | | 02/21/23 | NP | 9.84 | 14.04 | NA | NA | 658.98 | 658.98 |
| | | | 05/10/23 | NP | 8.57 | 14.04 | NA | NA | 660.25 | 660.25 |
| | | | 08/02/23 | NP | 8.64 | 14.05 | NA | NA | 660.18 | 660.18 |
| | | | 10/31/23 | NP | 9.39 | 14.02 | NA | NA | 659.43 | 659.43 |
| | | | 02/20/24 | NP | 8.93 | 14.01 | NA | NA | 659.89 | 659.89 |
| | | | 05/07/24 | NP | 8.61 | 14.00 | NA | NA | 660.21 | 660.21 |
| | | | 07/30/24 | NP | 8.16 | 14.00 | NA | NA | 660.66 | 660.66 |
| | | | 11/05/24 | NP | 9.3 | 14.00 | NA | NA | 659.52 | 659.52 |
| | | | 02/11/25 | NP | 9.92 | 13.90 | NA | NA | 658.90 | 658.90 |
| | | | 04/29/25 | NP | 9.64 | 13.90 | NA | NA | 659.18 | 659.18 |
| MW-102 | 660.87 | 10.0-15.0 | 02/22/19 | NP | 1.17 | 14.65 | NA | NA | 659.70 | 659.70 |
| | | | 06/14/19 | NP | 0.7 | 14.65 | NA | NA | 660.17 | 660.17 |
| | | | 09/26/19 | NP | 3.2 | 13.64 | NA | NA | 657.67 | 657.67 |
| | | | 11/04/19 | NP | 2.34 | 14.63 | NA | NA | 658.53 | 658.53 |
| | | | 02/05/20 | NP | 1.03 | NM | NA | NA | 659.84 | 659.84 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 2.96 | NM | NA | NA | 657.91 | 657.91 |
| MW-102 | 660.87 | 10.0-15.0 | 11/20/20 | NP | 3.04 | NM[5] | NA | NA | 657.83 | 657.83 |
| | | | 02/08/21 | NP | 2.83 | 14.62 | NA | NA | 658.04 | 658.04 |
| | | | 05/03/21 | NP | 2.27 | 14.64 | NA | NA | 658.60 | 658.60 |
| | | | 08/17/21 | NP | 1.33 | 14.64 | NA | NA | 659.54 | 659.54 |
| | | | 12/07/21 | NP | 1.25 | 14.65 | NA | NA | 659.62 | 659.62 |
| | | | 02/14/22 | NP | 2.08 | 14.65 | NA | NA | 658.79 | 658.79 |
| | | | 05/12/22 | NP | 1.02 | 14.63 | NA | NA | 659.85 | 659.85 |
| | | | 08/11/22 | NP | 2.56 | 14.62 | NA | NA | 658.31 | 658.31 |
| | | | 11/10/22 | NP | 3.52 | 14.62 | NA | NA | 657.35 | 657.35 |
| | | | 02/21/23 | NP | 2.45 | 14.65 | NA | NA | 658.42 | 658.42 |
| | | | 05/10/23 | NP | 1.47 | 14.65 | NA | NA | 659.40 | 659.40 |
| | | | 08/02/23 | NP | 2.71 | 14.63 | NA | NA | 658.16 | 658.16 |
| | | | 10/31/23 | NP | 3.26 | 14.64 | NA | NA | 657.61 | 657.61 |
| | | | 02/20/24 | NP | 1.85 | 14.65 | NA | NA | 659.02 | 659.02 |
| | | | 05/07/24 | NP | 2.94 | 14.64 | NA | NA | 657.93 | 657.93 |
| | | | 07/30/24 | NP | 2.17 | 14.64 | NA | NA | 658.70 | 658.70 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-102 | 660.87 | 10.0-15.0 | 11/05/24 | NP | 3.21 | 14.63 | NA | NA | 657.66 | 657.66 |
| | | | 02/11/25 | NP | 2.83 | 14.65 | NA | NA | 658.04 | 658.04 |
| | | | 04/29/25 | NP | 1.82 | 14.63 | NA | NA | 659.05 | 659.05 |
| MW-102S | 661.01 | 2.5-12.5 | 02/22/19 | NP | 1.33 | 12.35 | NA | NA | 659.68 | 659.68 |
| | | | 06/14/19 | NP | 0.8 | 12.35 | NA | NA | 660.21 | 660.21 |
| | | | 09/26/19 | NP | 3.5 | 12.36 | NA | NA | 657.51 | 657.51 |
| | | | 11/04/19 | NP | 2.53 | 12.37 | NA | NA | 658.48 | 658.48 |
| | | | 02/05/20 | NP | 1.21 | NM | NA | NA | 659.80 | 659.80 |
| | | | 05/18/20 | NP | 0.3 | 12.36 | NA | NA | 660.71 | 660.71 |
| | | | 08/17/20 | NP | 3.13 | NM | NA | NA | 657.88 | 657.88 |
| | | | 11/20/20 | NP | 3.2 | NM[5] | NA | NA | 657.81 | 657.81 |
| | | | 02/08/21 | NP | 2.3 | 12.36 | NA | NA | 658.71 | 658.71 |
| | | | 05/03/21 | NP | 2.44 | 12.36 | NA | NA | 658.57 | 658.57 |
| | | | 08/17/21 | NP | 1.5 | 12.34 | NA | NA | 659.51 | 659.51 |
| | | | 12/07/21 | NP | 1.43 | 12.36 | NA | NA | 659.58 | 659.58 |
| | | | 02/14/22 | Could Not Access; covered by ice/snow | | | | | | |
| | | | 05/12/22 | NP | 1.2 | 12.35 | NA | NA | 659.81 | 659.81 |
| | | | 08/11/22 | NP | 2.75 | 12.33 | NA | NA | 658.26 | 658.26 |
| | | | 11/10/22 | NP | 3.7 | 12.33 | NA | NA | 657.31 | 657.31 |
| | | | 02/21/23 | NP | 2.65 | 12.40 | NA | NA | 658.36 | 658.36 |
| | | | 05/10/23 | NP | 1.65 | 12.50 | NA | NA | 659.36 | 659.36 |
| | | | 08/02/23 | NP | 2.88 | 12.33 | NA | NA | 658.13 | 658.13 |
| | | | 10/31/23 | NP | 3.46 | 12.38 | NA | NA | 657.55 | 657.55 |
| | | | 02/20/24 | NP | 2.05 | 12.39 | NA | NA | 658.96 | 658.96 |
| | | | 05/07/24 | NP | 3.16 | 12.36 | NA | NA | 657.85 | 657.85 |
| | | | 07/30/24 | NP | 2.32 | 12.35 | NA | NA | 658.69 | 658.69 |
| | | | 11/05/24 | NP | 3.41 | 12.35 | NA | NA | 657.60 | 657.60 |
| | | | 02/11/25 | NP | 3 | 12.38 | NA | NA | 658.01 | 658.01 |
| | | | 04/29/25 | NP | 1.98 | 12.35 | NA | NA | 659.03 | 659.03 |
| MW-105S | 661.45 | 2.5-12.5 | 02/22/19 | NP | 2.88 | 11.80 | NA | NA | 658.57 | 658.57 |
| | | | 06/14/19 | NP | 2.25 | 11.80 | NA | NA | 659.20 | 659.20 |
| | | | 09/26/19 | NP | 4.7 | 11.72 | NA | NA | 656.75 | 656.75 |
| | | | 11/04/19 | NP | 3.85 | 11.79 | NA | NA | 657.60 | 657.60 |
| | | | 02/05/20 | NP | 2.59 | NM | NA | NA | 658.86 | 658.86 |
| | | | 05/18/20 | NP | 1.69 | 11.75 | NA | NA | 659.76 | 659.76 |
| | | | 08/17/20 | NP | 4.52 | NM | NA | NA | 656.93 | 656.93 |
| | | | 11/20/20 | NP | 4.51 | NM[5] | NA | NA | 656.94 | 656.94 |
| | | | 02/08/21 | NP | 4.31 | 11.65 | NA | NA | 657.14 | 657.14 |
| | | | 05/03/21 | NP | 3.73 | 11.75 | NA | NA | 657.72 | 657.72 |
| | | | 08/17/21 | NP | 2.8 | 11.75 | NA | NA | 658.65 | 658.65 |
| | | | 12/07/21 | NP | 2.62 | 11.76 | NA | NA | 658.83 | 658.83 |
| | | | 02/14/22 | NP | 3.68 | 11.76 | NA | NA | 657.77 | 657.77 |
| | | | 05/12/22 | NP | 2.56 | 11.75 | NA | NA | 658.89 | 658.89 |
| | | | 08/11/22 | NP | 4.05 | 11.71 | NA | NA | 657.40 | 657.40 |
| | | | 11/10/22 | NP | 4.9 | 11.71 | NA | NA | 656.55 | 656.55 |
| | | | 02/21/23 | NP | 4 | 11.71 | NA | NA | 657.45 | 657.45 |
| | | | 05/10/23 | NP | 3.04 | 11.75 | NA | NA | 658.41 | 658.41 |
| | | | 08/02/23 | NP | 4.17 | 11.69 | NA | NA | 657.28 | 657.28 |
| | | | 10/31/23 | NP | 4.6 | 11.29 | NA | NA | 656.85 | 656.85 |
| | | | 02/20/24 | NP | 3.26 | 10.99 | NA | NA | 658.19 | 658.19 |
| | | | 05/07/24 | NP | 5.49 | 11.11 | NA | NA | 655.96 | 655.96 |
| | | | 07/30/24 | NP | 3.62 | 11.13 | NA | NA | 657.83 | 657.83 |
| | | | 11/05/24 | NP | 4.52 | 11.12 | NA | NA | 656.93 | 656.93 |
| | | | 02/11/25 | NP | 4.1 | 11.10 | NA | NA | 657.35 | 657.35 |
| | | | 04/29/25 | NP | 3.12 | 11.10 | NA | NA | 658.33 | 658.33 |
| MW-106S | 655.03 | 2.5-12.5 | 02/22/19 | NP | 2.76 | 11.70 | NA | NA | 652.27 | 652.27 |
| | | | 06/14/19 | NP | 2.18 | 11.65 | NA | NA | 652.85 | 652.85 |
| | | | 09/26/19 | NP | 4.49 | 11.64 | NA | NA | 650.54 | 650.54 |
| | | | 11/04/19 | NP | 3.4 | 11.62 | NA | NA | 651.63 | 651.63 |
| | | | 02/05/20 | NP | 2.54 | NM | NA | NA | 652.49 | 652.49 |
| | | | 05/18/20 | NP | 2.2 | 11.67 | NA | NA | 652.83 | 652.83 |
| | | | 08/17/20 | NP | 4.13 | NM | NA | NA | 650.90 | 650.90 |
| | | | 11/20/20 | NP | 4.05 | NM[5] | NA | NA | 650.98 | 650.98 |
| | | | 02/08/21 | NP | 4 | 11.62 | NA | NA | 651.03 | 651.03 |
| | | | 05/03/21 | NP | 3.61 | 11.64 | NA | NA | 651.42 | 651.42 |
| | | | 08/17/21 | NP | 2.78 | 11.61 | NA | NA | 652.25 | 652.25 |
| | | | 12/07/21 | NP | 2.46 | 11.61 | NA | NA | 652.57 | 652.57 |
| | | | 02/14/22 | NP | 3.56 | 11.60 | NA | NA | 651.47 | 651.47 |
| | | | 05/12/22 | NP | 2.66 | 11.65 | NA | NA | 652.37 | 652.37 |
| | | | 08/11/22 | NP | 3.87 | 11.63 | NA | NA | 651.16 | 651.16 |
| | | | 11/10/22 | NP | 4.85 | 11.63 | NA | NA | 650.18 | 650.18 |
| | | | 02/21/23 | NP | 3.57 | 11.60 | NA | NA | 651.46 | 651.46 |
| | | | 05/10/23 | NP | 2.36 | 11.60 | NA | NA | 652.67 | 652.67 |
| | | | 08/02/23 | NP | 3.97 | 11.64 | NA | NA | 651.06 | 651.06 |
| | | | 10/31/23 | NP | 3.45 | 11.65 | NA | NA | 651.58 | 651.58 |
| | | | 02/20/24 | NP | 3.14 | 11.64 | NA | NA | 651.89 | 651.89 |
| | | | 05/07/24 | NP | 2.94 | 11.54 | NA | NA | 652.09 | 652.09 |
| | | | 07/30/24 | NP | 3.04 | 11.54 | NA | NA | 651.99 | 651.99 |
| | | | 11/05/24 | NP | 4.18 | 11.54 | NA | NA | 650.85 | 650.85 |
| | | | 02/11/25 | NP | 3.86 | 11.56 | NA | NA | 651.17 | 651.17 |
| | | | 04/29/25 | NP | 2.83 | 11.56 | NA | NA | 652.20 | 652.20 |
| MW-107S | 657.86 | 2.5-12.5 | 02/22/19 | NP | 5.52 | 12.20 | NA | NA | 652.34 | 652.34 |
| | | | 06/14/19 | NP | 5.11 | 12.50 | NA | NA | 652.75 | 652.75 |
| | | | 09/26/19 | NP | 6.55 | 12.16 | NA | NA | 651.31 | 651.31 |
| | | | 11/04/19 | NP | 5.93 | 12.15 | NA | NA | 651.93 | 651.93 |
| | | | 02/05/20 | NP | 5.86 | NM | NA | NA | 652.00 | 652.00 |
| | | | 05/18/20 | NP | 5.18 | 12.15 | NA | NA | 652.68 | 652.68 |
| | | | 08/17/20 | NP | 6.43 | NM | NA | NA | 651.43 | 651.43 |
| | | | 11/20/20 | NP | 6.46 | NM[5] | NA | NA | 651.40 | 651.40 |
| | | | 02/08/21 | NP | 6.22 | 12.15 | NA | NA | 651.64 | 651.64 |
| | | | 05/03/21 | NP | 6 | 12.13 | NA | NA | 651.86 | 651.86 |
| | | | 08/17/21 | NP | 5.34 | 12.12 | NA | NA | 652.52 | 652.52 |
| | | | 12/07/21 | NP | 5.31 | 12.13 | NA | NA | 652.55 | 652.55 |
| | | | 02/14/22 | NP | 5.88 | 12.10 | NA | NA | 651.98 | 651.98 |
| | | | 05/12/22 | NP | 5 | 12.14 | NA | NA | 652.86 | 652.86 |
| | | | 08/11/22 | NP | 6.31 | 12.14 | NA | NA | 651.55 | 651.55 |
| | | | 11/10/22 | NP | 6.85 | 12.13 | NA | NA | 651.01 | 651.01 |
| | | | 02/21/23 | NP | 5.93 | 12.12 | NA | NA | 651.93 | 651.93 |
| | | | 08/02/23 | NP | 5.37 | 12.11 | NA | NA | 652.49 | 652.49 |
| | | | | NP | 6.36 | 12.13 | NA | NA | 651.50 | 651.50 |
| | | | 10/31/23 | NP | DRY | 6.54 | NA | NA | NA | NA |
| | | | 02/20/24 | NP | 4.46 | 6.56 | NA | NA | 653.40 | 653.40 |
| | | | 05/07/24 | NP | 5.31 | 6.55 | NA | NA | 652.55 | 652.55 |
| | | | 07/30/24 | NP | 5.92 | 6.55 | NA | NA | 651.94 | 651.94 |
| | | | 11/05/24 | NP | DRY | 6.52 | NA | NA | NA | NA |
| | | | 02/11/25 | NP | 6.16 | 12.00 | NA | NA | 651.70 | 651.70 |
| | | | 04/29/25 | NP | 5.62 | 12.05 | NA | NA | 652.24 | 652.24 |
| MW-108S | 656.95 | 2.5-12.5 | 02/22/19 | Could Not Locate | | | | | | |
| | | | 06/14/19 | NP | 3.05 | 12.25 | NA | NA | 653.90 | 653.90 |
| | | | 09/26/19 | NP | 5.09 | 12.26 | NA | NA | 651.86 | 651.86 |
| MW-108S | 656.95 | 2.5-12.5 | 11/04/19 | NP | 4.03 | 12.27 | NA | NA | 652.92 | 652.92 |
| | | | 02/05/20 | NP | 2.93 | NM | NA | NA | 654.02 | 654.02 |
| | | | 05/18/20 | NP | 3.49 | 12.62 | NA | NA | 653.46 | 653.46 |
| | | | 08/17/20 | NP | 4.79 | NM | NA | NA | 652.16 | 652.16 |
| | | | 11/20/20 | NP | 6.67 | NM[5] | NA | NA | 650.28 | 650.28 |
| | | | 02/08/21 | NP | 4.35 | 12.24 | NA | NA | 652.60 | 652.60 |
| | | | 05/03/21 | Could Not Open | | | | | | |
| | | | 08/17/21 | NP | 3.6 | 12.22 | NA | NA | 653.35 | 653.35 |
| | | | 12/07/21 | NP | 3.52 | 12.23 | NA | NA | 653.43 | 653.43 |
| | | | 02/14/22 | NP | 3.95 | 12.22 | NA | NA | 653.00 | 653.00 |
| | | | 05/12/22 | NP | 3.12 | 12.22 | NA | NA | 653.83 | 653.83 |
| | | | 08/11/22 | NP | 4.7 | 12.22 | NA | NA | 652.25 | 652.25 |
| | | | 11/10/22 | NP | 5.26 | 12.22 | NA | NA | 651.69 | 651.69 |
| | | | 02/21/23 | NP | 3.9 | 12.22 | NA | NA | 653.05 | 653.05 |
| | | | 05/10/23 | NP | 3.41 | 12.20 | NA | NA | 653.54 | 653.54 |
| | | | 08/02/23 | NP | 4.7 | 12.19 | NA | NA | 652.25 | 652.25 |
| | | | 10/31/23 | NP | 5.04 | 12.22 | NA | NA | 651.91 | 651.91 |
| | | | 02/20/24 | NP | 3.5 | 12.24 | NA | NA | 653.45 | 653.45 |
| | | | 05/07/24 | NP | 3.44 | 12.21 | NA | NA | 653.51 | 653.51 |
| | | | 07/30/24 | NP | 4.25 | 12.20 | NA | NA | 652.70 | 652.70 |
| | | | 11/05/24 | NP | 5.06 | 12.20 | NA | NA | 651.89 | 651.89 |
| | | | 02/11/25 | NP | 4.2 | 12.21 | NA | NA | 652.75 | 652.75 |
| | | | 04/29/25 | NP | 3.61 | 12.19 | NA | NA | 653.34 | 653.34 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-122 | 670.47 | 16.0-21.0 | 09/26/19 | NP | 10.01 | 20.70 | NA | NA | 660.46 | 660.46 |
| | | | 11/04/19 | NP | 8.98 | 20.19 | NA | NA | 661.49 | 661.49 |
| | | | 02/05/20 | NP | 7.97 | NM | NA | NA | 662.50 | 662.50 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 9.22 | NM | NA | NA | 661.25 | 661.25 |
| | | | 11/20/20 | NP | 9.96 | NM[5] | NA | NA | 660.51 | 660.51 |
| | | | 12/17/20 | NP | 9.67 | 20.09[5] | NA | NA | 660.80 | 660.80 |
| | | | 02/08/21 | NP | 9.8 | 20.09 | NA | NA | 660.67 | 660.67 |
| | | | 05/03/21 | NP | 9.34 | 20.10 | NA | NA | 661.13 | 661.13 |
| | | | 08/17/21 | NP | 7.55 | 20.09 | NA | NA | 662.92 | 662.92 |
| | | | 12/07/21 | NP | 7.99 | 20.10 | NA | NA | 662.48 | 662.48 |
| | | | 02/14/22 | NP | 9.02 | 20.10 | NA | NA | 661.45 | 661.45 |
| | | | 05/12/22 | NP | 7.52 | 20.08 | NA | NA | 662.95 | 662.95 |
| | | | 08/11/22 | NP | 9.13 | 20.11 | NA | NA | 661.34 | 661.34 |
| | | | 11/10/22 | NP | 10.41 | 20.10 | NA | NA | 660.06 | 660.06 |
| | | | 02/21/23 | NP | 9.38 | 20.11 | NA | NA | 661.09 | 661.09 |
| | | | 05/10/23 | NP | 8.16 | 20.11 | NA | NA | 662.31 | 662.31 |
| | | | 08/02/23 | NP | 9.24 | 20.12 | NA | NA | 661.23 | 661.23 |
| | | | 10/31/23 | NP | 9.97 | 20.07 | NA | NA | 660.50 | 660.50 |
| | | | 02/20/24 | NP | 8.59 | 20.10 | NA | NA | 661.88 | 661.88 |
| | | | 05/07/24 | NP | 8.16 | 20.09 | NA | NA | 662.31 | 662.31 |
| | | | 07/30/24 | NP | 8.88 | 20.09 | NA | NA | 661.59 | 661.59 |
| | | | 11/05/24 | NP | 10.22 | 20.10 | NA | NA | 660.25 | 660.25 |
| | | | 02/11/25 | NP | 9.74 | 20.13 | NA | NA | 660.73 | 660.73 |
| | | | 04/29/25 | NP | 8.65 | 20.10 | NA | NA | 661.82 | 661.82 |
| MW-131S | 660.96 | 2.5-12.5 | 02/22/19 | NP | 4.13 | 12.70 | NA | NA | 656.83 | 656.83 |
| | | | 06/14/19 | NP | 6.7 | 12.65 | NA | NA | 654.26 | 654.26 |
| | | | 09/26/19 | NP | 5.88 | 12.69 | NA | NA | 655.08 | 655.08 |
| | | | 11/04/19 | NP | 5.32 | 12.68 | NA | NA | 655.64 | 655.64 |
| | | | 02/05/20 | NP | 3.78 | NM | NA | NA | 657.18 | 657.18 |
| | | | 05/18/20 | NP | 3.51 | 12.71 | NA | NA | 657.45 | 657.45 |
| | | | 08/17/20 | NP | 5.65 | NM | NA | NA | 655.31 | 655.31 |
| | | | 11/20/20 | NP | 5.7 | NM[5] | NA | NA | 655.26 | 655.26 |
| | | | 02/08/21 | NP | 5.4 | 12.73 | NA | NA | 655.56 | 655.56 |
| | | | 05/03/21 | NP | 5.02 | 12.66 | NA | NA | 655.94 | 655.94 |
| | | | 08/17/21 | NP | 4.14 | 12.65 | NA | NA | 656.82 | 656.82 |
| | | | 12/07/21 | NP | 3.98 | 12.65 | NA | NA | 656.98 | 656.98 |
| | | | 02/14/22 | NP | 4.78 | 12.66 | NA | NA | 656.18 | 656.18 |
| | | | 05/12/22 | NP | 3.76 | 12.63 | NA | NA | 657.20 | 657.20 |
| | | | 08/11/22 | NP | 5.36 | 12.66 | NA | NA | 655.60 | 655.60 |
| | | | 11/10/22 | NP | 6.11 | 12.65 | NA | NA | 654.85 | 654.85 |
| | | | 02/21/23 | NP | 5.15 | 12.70 | NA | NA | 655.81 | 655.81 |
| | | | 05/10/23 | NP | 4.12 | 12.65 | NA | NA | 656.84 | 656.84 |
| | | | 08/02/23 | NP | 5.38 | 12.65 | NA | NA | 655.58 | 655.58 |
| | | | 10/31/23 | NP | 5.89 | 12.67 | NA | NA | 655.07 | 655.07 |
| | | | 02/20/24 | NP | 4.45 | 12.70 | NA | NA | 656.51 | 656.51 |
| | | | 05/07/24 | NP | 5.4 | 12.66 | NA | NA | 655.56 | 655.56 |
| | | | 07/30/24 | NP | 4.82 | 12.68 | NA | NA | 656.14 | 656.14 |
| | | | 11/05/24 | NP | 5.85 | 12.68 | NA | NA | 655.11 | 655.11 |
| | | | 02/11/25 | NP | 5.43 | 12.64 | NA | NA | 655.53 | 655.53 |
| | | | 04/29/25 | NP | 4.52 | 12.64 | NA | NA | 656.44 | 656.44 |
| MW-132S | 659.86 | 2.5-12.5 | 02/22/19 | NP | 5.28 | 12.38 | NA | NA | 654.58 | 654.58 |
| | | | 06/14/19 | NP | 5.25 | 12.40 | NA | NA | 654.61 | 654.61 |
| | | | 09/26/19 | NP | 6.31 | 12.39 | NA | NA | 653.55 | 653.55 |
| | | | 11/04/19 | NP | 5.91 | 12.39 | NA | NA | 653.95 | 653.95 |
| | | | 02/05/20 | NP | 5.06 | NM | NA | NA | 654.80 | 654.80 |
| | | | 05/18/20 | NP | 5.2 | 12.40 | NA | NA | 654.66 | 654.66 |
| | | | 08/17/20 | NP | 6.1 | NM | NA | NA | 653.76 | 653.76 |
| | | | 11/20/20 | NP | 6.16 | NM[5] | NA | NA | 653.70 | 653.70 |
| | | | 02/08/21 | NP | 5.91 | 12.37 | NA | NA | 653.95 | 653.95 |
| | | | 05/03/21 | NP | 5.75 | 12.36 | NA | NA | 654.11 | 654.11 |
| | | | 08/17/21 | NP | 5.43 | 12.35 | NA | NA | 654.43 | 654.43 |
| | | | 12/07/21 | NP | 5.25 | 12.35 | NA | NA | 654.61 | 654.61 |
| | | | 02/14/22 | NP | 5.55 | 12.36 | NA | NA | 654.31 | 654.31 |
| | | | 05/12/22 | NP | 5.09 | 12.35 | NA | NA | 654.77 | 654.77 |
| | | | 08/11/22 | NP | 6.03 | 12.35 | NA | NA | 653.83 | 653.83 |
| | | | 11/10/22 | NP | 6.53 | 12.35 | NA | NA | 653.33 | 653.33 |
| | | | 02/21/23 | NP | 5.8 | 12.39 | NA | NA | 654.06 | 654.06 |
| | | | 05/10/23 | NP | 5.35 | 12.35 | NA | NA | 654.51 | 654.51 |
| | | | 08/02/23 | NP | 6.1 | 12.34 | NA | NA | 653.76 | 653.76 |
| | | | 10/31/23 | NP | 6.33 | 12.36 | NA | NA | 653.53 | 653.53 |
| | | | 02/20/24 | NP | 5.45 | 12.40 | NA | NA | 654.41 | 654.41 |
| | | | 05/07/24 | NP | 5.51 | 12.37 | NA | NA | 654.35 | 654.35 |
| | | | 07/30/24 | NP | 5.8 | 12.37 | NA | NA | 654.06 | 654.06 |
| | | | 11/05/24 | NP | 6.36 | 12.36 | NA | NA | 653.50 | 653.50 |
| | | | 02/11/25 | NP | 5.95 | 12.35 | NA | NA | 653.91 | 653.91 |
| | | | 04/29/25 | NP | 5.51 | 12.35 | NA | NA | 654.35 | 654.35 |
| MW-133S | 657.91 | 4.0-9.0 | 06/14/19 | NP | 5.35 | 8.55 | NA | NA | 652.56 | 652.56 |
| | | | 09/26/19 | NP | 7.25 | 8.55 | NA | NA | 650.66 | 650.66 |
| | | | 11/04/19 | NP | 6.73 | 8.56 | NA | NA | 651.18 | 651.18 |
| | | | 02/05/20 | NP | 5.34 | NM | NA | NA | 652.57 | 652.57 |
| | | | 05/18/20 | NP | 5.51 | 8.57 | NA | NA | 652.40 | 652.40 |
| | | | 08/17/20 | NP | 7.06 | NM | NA | NA | 650.85 | 650.85 |
| | | | 11/20/20 | NP | 7.27 | NM[5] | NA | NA | 650.64 | 650.64 |
| | | | 02/08/21 | NP | 6.85 | 8.50 | NA | NA | 651.06 | 651.06 |
| | | | 05/03/21 | NP | 6.55 | 8.49 | NA | NA | 651.36 | 651.36 |
| | | | 08/17/21 | NP | 5.68 | 8.48 | NA | NA | 652.23 | 652.23 |
| | | | 12/07/21 | NP | 5.27 | 8.49 | NA | NA | 652.64 | 652.64 |
| | | | 02/14/22 | Could Not Locate | | | | | | |
| | | | 05/12/22 | NP | 5.2 | 8.50 | NA | NA | 652.71 | 652.71 |
| | | | 08/11/22 | NP | 6.87 | 8.50 | NA | NA | 651.04 | 651.04 |
| | | | 11/10/22 | NP | 7.85 | 8.50 | NA | NA | 650.06 | 650.06 |
| | | | 02/21/23 | NP | 6.7 | 8.50 | NA | NA | 651.21 | 651.21 |
| | | | 05/10/23 | NP | 5.74 | 8.42 | NA | NA | 652.17 | 652.17 |
| | | | 08/02/23 | NP | 6.92 | 8.45 | NA | NA | 650.99 | 650.99 |
| | | | 10/31/23 | NP | 7.46 | 8.51 | NA | NA | 650.45 | 650.45 |
| | | | 02/20/24 | NP | 5.92 | 8.50 | NA | NA | 651.99 | 651.99 |
| | | | 05/07/24 | NP | 5.4 | 8.50 | NA | NA | 652.51 | 652.51 |
| | | | 07/30/24 | NP | 6.37 | 8.47 | NA | NA | 651.54 | 651.54 |
| | | | 11/05/24 | NP | 7.39 | 8.47 | NA | NA | 650.52 | 650.52 |
| | | | 02/11/25 | NP | 6.78 | 8.48 | NA | NA | 651.13 | 651.13 |
| | | | 04/29/25 | NP | 5.92 | 8.46 | NA | NA | 651.99 | 651.99 |
| MW-134S | 658.75 | 5.0-10.0 | 06/14/19 | NP | 6.3 | 9.40 | NA | NA | 652.45 | 652.45 |
| | | | 09/26/19 | NP | 8.19 | 9.46 | NA | NA | 650.56 | 650.56 |
| | | | 11/04/19 | NP | 7.71 | 9.45 | NA | NA | 651.04 | 651.04 |
| | | | 02/05/20 | NP | 5.23 | NM | NA | NA | 653.52 | 653.52 |
| | | | 05/18/20 | NP | 6.42 | 9.48 | NA | NA | 652.33 | 652.33 |
| | | | 08/17/20 | NP | 8.05 | NM | NA | NA | 650.70 | 650.70 |
| | | | 11/20/20 | NP | 8.25 | NM[5] | NA | NA | 650.50 | 650.50 |
| | | | 02/08/21 | NP | 7.8 | 9.44 | NA | NA | 650.95 | 650.95 |
| | | | 05/03/21 | NP | 7.46 | 9.42 | NA | NA | 651.29 | 651.29 |
| | | | 08/17/21 | NP | 6.63 | 9.42 | NA | NA | 652.12 | 652.12 |
| | | | 12/07/21 | NP | 6.31 | 9.43 | NA | NA | 652.44 | 652.44 |
| | | | 02/14/22 | NP | 7.25 | 9.40 | NA | NA | 651.50 | 651.50 |
| MW-134S | 658.75 | 5.0-10.0 | 05/12/22 | NP | 6.1 | 9.42 | NA | NA | 652.65 | 652.65 |
| | | | 08/11/22 | NP | 7.84 | 9.42 | NA | NA | 650.91 | 650.91 |
| | | | 11/10/22 | NP | 8.81 | 9.42 | NA | NA | 649.94 | 649.94 |
| | | | 02/21/23 | NP | 7.6 | 9.44 | NA | NA | 651.15 | 651.15 |
| | | | 05/10/23 | NP | 6.65 | 9.42 | NA | NA | 652.10 | 652.10 |
| | | | 08/02/23 | NP | 7.87 | 9.40 | NA | NA | 650.88 | 650.88 |
| | | | 10/31/23 | NP | 8.44 | 9.46 | NA | NA | 650.31 | 650.31 |
| | | | 02/20/24 | NP | 6.85 | 9.45 | NA | NA | 651.90 | 651.90 |
| | | | 05/07/24 | NP | 6.45 | 9.42 | NA | NA | 652.30 | 652.30 |
| | | | 07/30/24 | NP | 7.32 | 9.42 | NA | NA | 651.43 | 651.43 |
| | | | 11/05/24 | NP | 8.47 | 9.42 | NA | NA | 650.28 | 650.28 |
| | | | 02/11/25 | NP | 7.72 | 9.42 | NA | NA | 651.03 | 651.03 |
| | | | 04/29/25 | NP | 6.85 | 9.41 | NA | NA | 651.90 | 651.90 |

**See Notes on Last Page.**

**Table 3**
**Groundwater Elevations**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-135S[1] | 657.67 | 5.0-10.0 | 06/14/19 | NP | 5.3 | 9.70 | NA | NA | 652.37 | 652.37 |
| | | | 09/26/19 | NP | 7.14 | 9.68 | NA | NA | 650.53 | 650.53 |
| | 657.44 | | 11/04/19 | NP | 6.74 | 9.70 | NA | NA | 650.70 | 650.70 |
| | | | 02/05/20 | NP | 5.21 | NM | NA | NA | 652.23 | 652.23 |
| | | | 05/18/20 | NP | 5.41 | 9.71 | NA | NA | 652.03 | 652.03 |
| | | | 08/17/20 | NP | 7.02 | NM | NA | NA | 650.42 | 650.42 |
| | | | 11/20/20 | NP | 7.2 | NM[5] | NA | NA | 650.24 | 650.24 |
| | | | 02/08/21 | NP | 6.75 | 9.65 | NA | NA | 650.69 | 650.69 |
| | | | 05/03/21 | NP | 6.41 | 9.66 | NA | NA | 651.03 | 651.03 |
| | | | 08/17/21 | NP | 5.62 | 9.68 | NA | NA | 651.82 | 651.82 |
| | | | 12/07/21 | NP | 5.25 | 9.68 | NA | NA | 652.19 | 652.19 |
| | | | 02/14/22 | NP | 6.25 | 9.68 | NA | NA | 651.19 | 651.19 |
| | | | 05/12/22 | NP | 5.08 | 9.67 | NA | NA | 652.36 | 652.36 |
| | | | 08/11/22 | NP | 6.8 | 9.65 | NA | NA | 650.64 | 650.64 |
| | | | 11/10/22 | DRY | | | | | | |
| | | | 02/21/23 | NP | 6.6 | 7.00 | NA | NA | 650.84 | 650.84 |
| | | | 05/10/23 | NP | 5.59 | 7.10 | NA | NA | 651.85 | 651.85 |
| | | | 08/02/23 | NP | 6.84 | 7.12 | NA | NA | 650.60 | 650.60 |
| | | | 10/31/23 | NP | 7.45 | 9.72 | NA | NA | 649.99 | 649.99 |
| | | | 02/20/24 | NP | 5.8 | 9.74 | NA | NA | 651.64 | 651.64 |
| | | | 05/07/24 | NP | 5.9 | 9.70 | NA | NA | 651.54 | 651.54 |
| | | | 07/30/24 | NP | 6.25 | 9.70 | NA | NA | 651.19 | 651.19 |
| | | | 11/05/24 | NP | 7.4 | 9.70 | NA | NA | 650.04 | 650.04 |
| | | | 02/11/25 | NP | 6.64 | 9.68 | NA | NA | 650.80 | 650.80 |
| | | | 04/29/25 | NP | 5.79 | 9.69 | NA | NA | 651.65 | 651.65 |
| MW-136S | 655.53 | 2.0-7.0 | 06/14/19 | NP | 2.16 | 7.50 | NA | NA | 653.37 | 653.37 |
| | | | 09/26/19 | NP | 4.66 | 7.15 | NA | NA | 650.87 | 650.87 |
| | | | 11/04/19 | NP | 3.23 | 7.14 | NA | NA | 652.30 | 652.30 |
| | | | 02/05/20 | NP | 2.38 | NM | NA | NA | 653.15 | 653.15 |
| | | | 05/18/20 | NP | 2.11 | 7.17 | NA | NA | 653.42 | 653.42 |
| | | | 08/17/20 | NP | 4.47 | NM | NA | NA | 651.06 | 651.06 |
| | | | 11/20/20 | NP | 3.91 | NM[5] | NA | NA | 651.62 | 651.62 |
| | | | 02/08/21 | Could Not Access; covered by ice/snow | | | | | | |
| | | | 05/03/21 | NP | 3.64 | 7.15 | NA | NA | 651.89 | 651.89 |
| | | | 08/17/21 | NP | 2.79 | 7.13 | NA | NA | 652.74 | 652.74 |
| | | | 12/07/21 | NP | 2.25 | 7.15 | NA | NA | 653.28 | 653.28 |
| | | | 02/14/22 | NP | 3.54 | 7.15 | NA | NA | 651.99 | 651.99 |
| | | | 05/12/22 | NP | 2.6 | 7.14 | NA | NA | 652.93 | 652.93 |
| | | | 08/11/22 | NP | 4.04 | 7.14 | NA | NA | 651.49 | 651.49 |
| | | | 11/10/22 | NP | 4.75 | 7.14 | NA | NA | 650.78 | 650.78 |
| | | | 02/21/23 | NP | 3.49 | 7.14 | NA | NA | 652.04 | 652.04 |
| | | | 05/10/23 | NP | 2.2 | 7.14 | NA | NA | 653.33 | 653.33 |
| | | | 08/02/23 | NP | 4.29 | 7.14 | NA | NA | 651.24 | 651.24 |
| | | | 10/31/23 | NP | 4.49 | 7.13 | NA | NA | 651.04 | 651.04 |
| | | | 02/20/24 | NP | 3.02 | 7.14 | NA | NA | 652.51 | 652.51 |
| | | | 05/07/24 | NP | 2.89 | 7.14 | NA | NA | 652.64 | 652.64 |
| | | | 07/30/24 | NP | 3.27 | 7.14 | NA | NA | 652.26 | 652.26 |
| | | | 11/05/24 | NP | 4.49 | 7.12 | NA | NA | 651.04 | 651.04 |
| | | | 02/11/25 | NP | 3.81 | 7.13 | NA | NA | 651.72 | 651.72 |
| | | | 04/29/25 | NP | 3.15 | 7.11 | NA | NA | 652.38 | 652.38 |
| MW-137S[1] | 656.10 | 2.0-7.0 | 06/14/19 | NP | 1.6 | 7.20 | NA | NA | 654.50 | 654.50 |
| | | | 09/26/19 | NP | 4.43 | 7.10 | NA | NA | 651.67 | 651.67 |
| | | | 11/04/19 | NP | 3.05 | 7.03 | NA | NA | 653.05 | 653.05 |
| | | | 02/05/20 | NP | 1.69 | NM | NA | NA | 654.41 | 654.41 |
| | | | 05/18/20 | NP | 1.14 | 7.05 | NA | NA | 654.96 | 654.96 |
| | | | 08/17/20 | NP | 4.21 | NM | NA | NA | 651.89 | 651.89 |
| | | | 11/20/20 | NP | 3.69 | NM[5] | NA | NA | 652.41 | 652.41 |
| | | | 02/08/21 | NP | 3.6 | 7.02 | NA | NA | 652.50 | 652.50 |
| | | | 05/03/21 | NP | 3.25 | 7.03 | NA | NA | 652.85 | 652.85 |
| | | | 08/17/21 | NP | 2.5 | 7.00 | NA | NA | 653.60 | 653.60 |
| | | | 12/07/21 | NP | 1.6 | 7.01 | NA | NA | 654.50 | 654.50 |
| | | | 02/14/22 | NP | 2.91 | 7.05 | NA | NA | 653.19 | 653.19 |
| | | | 05/12/22 | NP | 2.05 | 7.01 | NA | NA | 654.05 | 654.05 |
| | | | 08/11/22 | NP | 3.93 | 7.02 | NA | NA | 652.17 | 652.17 |
| | | | 11/10/22 | NP | 4.6 | 7.02 | NA | NA | 651.50 | 651.50 |
| | | | 02/21/23 | NP | 3.01 | 7.02 | NA | NA | 653.09 | 653.09 |
| | | | 05/10/23 | NP | 2.23 | 7.01 | NA | NA | 653.87 | 653.87 |
| | | | 08/02/23 | NP | 4.03 | 7.02 | NA | NA | 652.07 | 652.07 |
| | | | 10/31/23 | NP | 4.32 | 7.02 | NA | NA | 651.78 | 651.78 |
| | | | 02/20/24 | NP | 2.5 | 7.03 | NA | NA | 653.60 | 653.60 |
| | | | 05/07/24 | NP | 2.42 | 7.02 | NA | NA | 653.68 | 653.68 |
| | | | 07/30/24 | NP | 3.42 | 7.02 | NA | NA | 652.68 | 652.68 |
| | | | 11/05/24 | NP | 4.38 | 7.02 | NA | NA | 651.72 | 651.72 |
| | | | 02/11/25 | NP | 3.44 | 7.01 | NA | NA | 652.66 | 652.66 |
| | | | 04/29/25 | NP | 2.75 | 7.00 | NA | NA | 653.35 | 653.35 |
| MW-138S | 653.92 | 2.0-7.0 | 06/14/19 | NP | 0.2 | 5.95 | NA | NA | 653.72 | 653.72 |
| | | | 09/26/19 | NP | 2.68 | 5.97 | NA | NA | 651.24 | 651.24 |
| | | | 11/04/19 | NP | 1.16 | 5.94 | NA | NA | 652.76 | 652.76 |
| | | | 02/05/20 | NP | 0.67 | NM | NA | NA | 653.25 | 653.25 |
| | | | 05/18/20 | NP | 0.5 | 5.98 | NA | NA | 653.42 | 653.42 |
| | | | 08/17/20 | NP | 2.28 | NM | NA | NA | 651.64 | 651.64 |
| | | | 11/20/20 | NP | 1.93 | 5.98[5] | NA | NA | 651.99 | 651.99 |
| | | | 02/08/21 | NP | 2 | 5.98 | NA | NA | 651.92 | 651.92 |
| | | | 05/03/21 | NP | 1.58 | 5.97 | NA | NA | 652.34 | 652.34 |
| | | | 08/17/21 | NP | 1.1 | 5.95 | NA | NA | 652.82 | 652.82 |
| | | | 12/07/21 | NP | 0.6 | 5.97 | NA | NA | 653.32 | 653.32 |
| | | | 02/14/22 | NP | 1.38 | 5.98 | NA | NA | 652.54 | 652.54 |
| | | | 05/12/22 | NP | 0.92 | 5.96 | NA | NA | 653.00 | 653.00 |
| | | | 08/11/22 | NP | 2.14 | 5.96 | NA | NA | 651.78 | 651.78 |
| | | | 11/10/22 | NP | 3.03 | 5.96 | NA | NA | 650.89 | 650.89 |
| | | | 02/21/23 | NP | 1.5 | 5.95 | NA | NA | 652.42 | 652.42 |
| | | | 05/10/23 | NP | 1.5 | 5.59 | NA | NA | 652.42 | 652.42 |
| | | | 08/02/23 | NP | 2.2 | 5.95 | NA | NA | 651.72 | 651.72 |
| | | | 10/31/23 | NP | 2.52 | 5.97 | NA | NA | 651.40 | 651.40 |
| | | | 02/20/24 | NP | 1.09 | 5.96 | NA | NA | 652.83 | 652.83 |
| | | | 05/07/24 | NP | 0.9 | 5.96 | NA | NA | 653.02 | 653.02 |
| | | | 07/30/24 | NP | 1.42 | 5.96 | NA | NA | 652.50 | 652.50 |
| | | | 11/05/24 | NP | 2.59 | 5.96 | NA | NA | 651.33 | 651.33 |
| | | | 02/11/25 | NP | 1.75 | 5.96 | NA | NA | 652.17 | 652.17 |
| | | | 04/29/25 | NP | 1.16 | 5.93 | NA | NA | 652.76 | 652.76 |
| MW-139S | 660.14 | 2.0-7.0 | 06/14/19 | NP | 1.17 | 6.90 | NA | NA | 658.97 | 658.97 |
| | | | 09/26/19 | NP | 4.1 | 6.90 | NA | NA | 656.04 | 656.04 |
| | | | 11/04/19 | NP | 3.14 | 6.90 | NA | NA | 657.00 | 657.00 |
| | | | 02/05/20 | NP | 1.85 | NM | NA | NA | 658.29 | 658.29 |
| | | | 05/18/20 | NP | 0.95 | 6.92 | NA | NA | 659.19 | 659.19 |
| | | | 08/17/20 | NP | 3.75 | NM | NA | NA | 656.39 | 656.39 |
| | | | 11/20/20 | NP | 3.79 | 6.93[5] | NA | NA | 656.35 | 656.35 |
| | | | 02/08/21 | NP | 3.19 | 6.90 | NA | NA | 656.95 | 656.95 |
| | | | 05/03/21 | NP | 3.15 | 6.89 | NA | NA | 656.99 | 656.99 |
| | | | 08/17/21 | NP | 2.01 | 6.89 | NA | NA | 658.13 | 658.13 |
| | | | 12/07/21 | NP | 1.53 | 6.91 | NA | NA | 658.61 | 658.61 |
| | | | 02/14/22 | NP | 2.77 | 6.89 | NA | NA | 657.37 | 657.37 |
| | | | 05/12/22 | NP | 1.67 | 6.88 | NA | NA | 658.47 | 658.47 |
| | | | 08/11/22 | NP | 3.74 | 6.89 | NA | NA | 656.40 | 656.40 |
| | | | 11/10/22 | NP | 4.7 | 6.90 | NA | NA | 655.44 | 655.44 |
| | | | 02/21/23 | NP | 3.38 | 6.89 | NA | NA | 656.76 | 656.76 |
| | | | 05/10/23 | NP | 2.28 | 6.89 | NA | NA | 657.86 | 657.86 |
| | | | 08/02/23 | NP | 3.96 | 6.88 | NA | NA | 656.18 | 656.18 |
| | | | 10/31/23 | NP | 4.4 | 6.90 | NA | NA | 655.74 | 655.74 |
| | | | 02/20/24 | NP | 2.55 | 6.90 | NA | NA | 657.59 | 657.59 |
| | | | 05/07/24 | NP | 2.3 | 6.90 | NA | NA | 657.84 | 657.84 |
| | | | 07/30/24 | NP | 3.16 | 6.89 | NA | NA | 656.98 | 656.98 |
| | | | 11/05/24 | NP | 4.4 | 6.89 | NA | NA | 655.74 | 655.74 |
| | | | 02/11/25 | NP | 3.54 | 6.90 | NA | NA | 656.60 | 656.60 |
| | | | 04/29/25 | NP | 4.9 | 6.60 | NA | NA | 655.24 | 655.24 |
| MW-140S | 662.23 | 2.0-7.0 | 06/14/19 | NP | 2.46 | 6.48 | NA | NA | 659.77 | 659.77 |
| | | | 09/26/19 | NP | 5.29 | 6.46 | NA | NA | 656.94 | 656.94 |
| | | | 11/04/19 | NP | 4.4 | 6.46 | NA | NA | 657.83 | 657.83 |
| | | | 02/05/20 | NP | 2.61 | NM | NA | NA | 659.62 | 659.62 |
| | | | 05/18/20 | NP | 2.4 | 6.48 | NA | NA | 659.83 | 659.83 |
| | | | 08/17/20 | NP | 4.95 | NM | NA | NA | 657.28 | 657.28 |
| | | | 11/20/20 | NP | 5.05 | 6.49[5] | NA | NA | 657.18 | 657.18 |
| | | | 02/08/21 | NP | 4.31 | 6.48 | NA | NA | 657.92 | 657.92 |
| | | | 05/03/21 | NP | 4.35 | 6.48 | NA | NA | 657.88 | 657.88 |
| | | | 08/17/21 | NP | 3.23 | 6.45 | NA | NA | 659.00 | 659.00 |
| | | | 12/07/21 | NP | 2.71 | 6.46 | NA | NA | 659.52 | 659.52 |
| | | | 02/14/22 | Could Not Access; covered by ice/snow | | | | | | |
| | | | 05/12/22 | NP | 2.61 | 6.46 | NA | NA | 659.62 | 659.62 |
| | | | 08/11/22 | NP | 4.9 | 6.46 | NA | NA | 657.33 | 657.33 |
| | | | 11/10/22 | NP | 5.9 | 6.45 | NA | NA | 656.33 | 656.33 |
| | | | 02/21/23 | NP | 4.58 | 6.45 | NA | NA | 657.65 | 657.65 |
| | | | 05/10/23 | NP | 3.41 | 6.45 | NA | NA | 658.82 | 658.82 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-140S | 662.23 | 2.0-7.0 | 08/02/23 | NP | 5.12 | 6.46 | NA | NA | 657.11 | 657.11 |
| | | | 10/31/23 | NP | 5.54 | 6.48 | NA | NA | 656.69 | 656.69 |
| | | | 02/20/24 | NP | 3.8 | 6.50 | NA | NA | 658.43 | 658.43 |
| | | | 05/07/24 | NP | 3.45 | 6.49 | NA | NA | 658.78 | 658.78 |
| | | | 07/30/24 | NP | 4.39 | 6.46 | NA | NA | 657.84 | 657.84 |
| | | | 11/05/24 | NP | 5.59 | 6.46 | NA | NA | 656.64 | 656.64 |
| | | | 02/11/25 | NP | 4.74 | 6.48 | NA | NA | 657.49 | 657.49 |
| | | | 04/29/25 | NP | 4 | 5.60 | NA | NA | 658.23 | 658.23 |
| MW-141S | 663.67 | 3.0-8.0 | 06/14/19 | NP | 4 | 7.60 | NA | NA | 659.67 | 659.67 |
| | | | 09/26/19 | NP | 7.18 | 7.68 | NA | NA | 656.49 | 656.49 |
| | | | 11/04/19 | NP | 6.3 | 7.69 | NA | NA | 657.37 | 657.37 |
| | | | 02/05/20 | NP | 4.45 | NM | NA | NA | 659.22 | 659.22 |
| | | | 05/18/20 | NP | 4.1 | 7.69 | NA | NA | 659.57 | 659.57 |
| | | | 08/17/20 | NP | 6.92 | NM | NA | NA | 656.75 | 656.75 |
| | | | 11/20/20 | NP | 6.8 | 7.70[5] | NA | NA | 656.87 | 656.87 |
| | | | 02/08/21 | NP | 6.3 | 7.68 | NA | NA | 657.37 | 657.37 |
| | | | 05/03/21 | NP | 5.91 | 7.61 | NA | NA | 657.76 | 657.76 |
| | | | 08/17/21 | NP | 4.94 | 7.67 | NA | NA | 658.73 | 658.73 |
| | | | 12/07/21 | NP | 4.25 | 7.67 | NA | NA | 659.42 | 659.42 |
| | | | 02/14/22 | Could Not Access; covered by ice/snow | | | | | | |
| | | | 05/12/22 | NP | 4.05 | 7.68 | NA | NA | 659.62 | 659.62 |
| | | | 08/11/22 | NP | 6.69 | 7.67 | NA | NA | 656.98 | 656.98 |
| | | | 11/10/22 | NP | 7.51 | 7.67 | NA | NA | 656.16 | 656.16 |
| | | | 02/21/23 | NP | 6.07 | 7.66 | NA | NA | 657.60 | 657.60 |
| | | | 05/10/23 | NP | 4.74 | 7.73 | NA | NA | 658.93 | 658.93 |
| | | | 08/02/23 | NP | 6.85 | 7.68 | NA | NA | 656.82 | 656.82 |
| | | | 10/31/23 | NP | 7.28 | 7.68 | NA | NA | 656.39 | 656.39 |
| | | | 02/20/24 | NP | 5.22 | 7.68 | NA | NA | 658.45 | 658.45 |
| | | | 05/07/24 | NP | 5.35 | 7.68 | NA | NA | 658.32 | 658.32 |
| | | | 07/30/24 | NP | 6.34 | 7.69 | NA | NA | 657.33 | 657.33 |
| | | | 11/05/24 | NP | 7.25 | 7.69 | NA | NA | 656.42 | 656.42 |
| | | | 02/11/25 | NP | 6.32 | 7.68 | NA | NA | 657.35 | 657.35 |
| | | | 04/29/25 | NP | 5.32 | 7.68 | NA | NA | 658.35 | 658.35 |
| MW-142S | 657.49 | 2.5-7.5 | 06/14/19 | NP | 3.55 | 6.75 | NA | NA | 653.94 | 653.94 |
| | | | 09/26/19 | NP | 5.34 | 6.75 | NA | NA | 652.15 | 652.15 |
| | | | 11/04/19 | NP | 4.51 | 6.86 | NA | NA | 652.98 | 652.98 |
| | | | 02/05/20 | NP | 3.49 | NM | NA | NA | 654.00 | 654.00 |
| | | | 05/18/20 | NP | 3.32 | 6.75 | NA | NA | 654.17 | 654.17 |
| | | | 08/17/20 | NP | 5.02 | NM | NA | NA | 652.47 | 652.47 |
| | | | 11/20/20 | NP | 5.01 | NM[5] | NA | NA | 652.48 | 652.48 |
| | | | 02/08/21 | Could Not Access; covered by ice/snow | | | | | | |
| | | | 05/03/21 | NP | 4.43 | 6.75 | NA | NA | 653.06 | 653.06 |
| | | | 08/17/21 | NP | 4.03 | 6.76 | NA | NA | 653.46 | 653.46 |
| | | | 12/07/21 | NP | 3.95 | 6.77 | NA | NA | 653.54 | 653.54 |
| | | | 02/14/22 | NP | 4.32 | 6.74 | NA | NA | 653.17 | 653.17 |
| | | | 05/12/22 | NP | 3.37 | 6.75 | NA | NA | 654.12 | 654.12 |
| | | | 08/11/22 | NP | 4.93 | 6.75 | NA | NA | 652.56 | 652.56 |
| | | | 11/10/22 | NP | 5.5 | 6.75 | NA | NA | 651.99 | 651.99 |
| | | | 02/21/23 | NP | 4.35 | 6.75 | NA | NA | 653.14 | 653.14 |
| | | | 05/10/23 | NP | 3.84 | 6.75 | NA | NA | 653.65 | 653.65 |
| | | | 08/02/23 | NP | 4.97 | 6.75 | NA | NA | 652.52 | 652.52 |
| | | | 10/31/23 | NP | 5.27 | 6.75 | NA | NA | 652.22 | 652.22 |
| | | | 02/20/24 | NP | 3.95 | 6.79 | NA | NA | 653.54 | 653.54 |
| | | | 05/07/24 | NP | 3.8 | 6.78 | NA | NA | 653.69 | 653.69 |
| | | | 07/30/24 | NP | 4.63 | 6.76 | NA | NA | 652.86 | 652.86 |
| | | | 11/05/24 | NP | 5.34 | 6.76 | NA | NA | 652.15 | 652.15 |
| | | | 02/11/25 | NP | 4.63 | 6.75 | NA | NA | 652.86 | 652.86 |
| | | | 04/29/25 | NP | 4.07 | 6.76 | NA | NA | 653.42 | 653.42 |
| MW-192S | 654.62 | 2.5-7.5 | 06/14/19 | NP | 1.45 | 7.70 | NA | NA | 653.17 | 653.17 |
| | | | 09/26/19 | NP | 3.1 | 7.68 | NA | NA | 651.52 | 651.52 |
| | | | 11/04/19 | NP | 2.04 | 7.63 | NA | NA | 652.58 | 652.58 |
| | | | 02/05/20 | NP | 1.8 | NM | NA | NA | 652.82 | 652.82 |
| | | | 05/18/20 | NP | 1.47 | 7.72 | NA | NA | 653.15 | 653.15 |
| | | | 08/17/20 | NP | 2.62 | NM | NA | NA | 652.00 | 652.00 |
| | | | 11/20/20 | NP | 2.64 | 7.70[5] | NA | NA | 651.98 | 651.98 |
| | | | 02/08/21 | NP | 2.56 | 7.64 | NA | NA | 652.06 | 652.06 |
| | | | 05/03/21 | NP | 2.28 | 7.65 | NA | NA | 652.34 | 652.34 |
| | | | 08/17/21 | NP | 1.7 | 7.64 | NA | NA | 652.92 | 652.92 |
| | | | 12/07/21 | NP | 1.57 | 7.67 | NA | NA | 653.05 | 653.05 |
| | | | 02/14/22 | NP | 2.2 | 7.65 | NA | NA | 652.42 | 652.42 |
| | | | 05/12/22 | NP | 1.79 | 7.66 | NA | NA | 652.83 | 652.83 |
| | | | 08/11/22 | NP | 2.62 | 7.66 | NA | NA | 652.00 | 652.00 |
| | | | 11/10/22 | NP | 3.58 | 7.65 | NA | NA | 651.04 | 651.04 |
| | | | 02/21/23 | NP | 2.24 | 7.65 | NA | NA | 652.38 | 652.38 |
| | | | 05/10/23 | NP | 1.9 | 7.66 | NA | NA | 652.72 | 652.72 |
| | | | 08/02/23 | NP | 2.56 | 7.66 | NA | NA | 652.06 | 652.06 |
| | | | 10/31/23 | NP | 3.1 | 7.65 | NA | NA | 651.52 | 651.52 |
| | | | 02/20/24 | NP | 2 | 7.65 | NA | NA | 652.62 | 652.62 |
| | | | 05/07/24 | NP | 1.95 | 7.64 | NA | NA | 652.67 | 652.67 |
| | | | 07/30/24 | NP | 2.01 | 7.64 | NA | NA | 652.61 | 652.61 |
| | | | 11/05/24 | NP | 3.22 | 7.64 | NA | NA | 651.40 | 651.40 |
| | | | 02/11/25 | NP | 2.36 | 7.64 | NA | NA | 652.26 | 652.26 |
| | | | 04/29/25 | NP | 1.97 | 7.64 | NA | NA | 652.65 | 652.65 |
| MW-208S | 671.39 | 9.0-14.0 | 02/05/20 | NP | 10.07 | 14.00[3] | NA | NA | 661.32 | 661.32 |
| | | | 05/18/20 | NP | 10.09 | 13.59 | NA | NA | 661.30 | 661.30 |
| | | | 08/17/20 | NP | 10.36 | NM | NA | NA | 661.03 | 661.03 |
| | | | 11/20/20 | NP | 10.98 | NM[5] | NA | NA | 660.41 | 660.41 |
| | | | 12/17/20 | NP | 11.01 | 13.59 | NA | NA | 660.38 | 660.38 |
| | | | 02/08/21 | NP | 11.28 | 13.59 | NA | NA | 660.11 | 660.11 |
| | | | 05/03/21 | NP | 11.11 | 13.61 | NA | NA | 660.28 | 660.28 |
| | | | 08/17/21 | NP | 10.01 | 13.59 | NA | NA | 661.38 | 661.38 |
| | | | 12/07/21 | NP | 10 | 13.67 | NA | NA | 661.39 | 661.39 |
| | | | 02/14/22 | NP | 9.97 | 13.58 | NA | NA | 661.42 | 661.42 |
| | | | 05/12/22 | NP | 9.58 | 13.59 | NA | NA | 661.81 | 661.81 |
| | | | 08/11/22 | NP | 10.21 | 13.60 | NA | NA | 661.18 | 661.18 |
| | | | 11/10/22 | NP | 11.31 | 13.58 | NA | NA | 660.08 | 660.08 |
| | | | 02/21/23 | NP | 11.49 | 13.60 | NA | NA | 659.90 | 659.90 |
| | | | 05/10/23 | NP | 10.28 | 13.59 | NA | NA | 661.11 | 661.11 |
| | | | 08/02/23 | NP | 10.44 | 13.58 | NA | NA | 660.95 | 660.95 |
| | | | 10/31/23 | NP | 11.16 | 13.61 | NA | NA | 660.23 | 660.23 |
| | | | 02/20/24 | NP | 10.67 | 13.60 | NA | NA | 660.72 | 660.72 |
| | | | 05/07/24 | NP | 10.22 | 13.57 | NA | NA | 661.17 | 661.17 |
| | | | 07/30/24 | NP | 9.88 | 13.62 | NA | NA | 661.51 | 661.51 |
| | | | 11/05/24 | NP | 10.98 | 13.60 | NA | NA | 660.41 | 660.41 |
| | | | 02/11/25 | NP | 11.46 | 13.75 | NA | NA | 659.93 | 659.93 |
| | | | 04/29/25 | NP | 10.73 | 13.58 | NA | NA | 660.66 | 660.66 |
| MW-209S | 670.88 | 8.0-13.0 | 02/05/20 | NP | 9.43 | 13.00[3] | NA | NA | 661.45 | 661.45 |
| | | | 05/18/20 | NP | 9.39 | 12.72 | NA | NA | 661.49 | 661.49 |
| | | | 08/17/20 | NP | 9.8 | NM | NA | NA | 661.08 | 661.08 |
| | | | 11/20/20 | NP | 10.38 | NM[5] | NA | NA | 660.50 | 660.50 |
| | | | 12/17/20 | NP | 10.41 | 12.71 | NA | NA | 660.47 | 660.47 |
| | | | 02/08/21 | NP | 10.61 | 12.71 | NA | NA | 660.27 | 660.27 |
| | | | 05/03/21 | NP | 10.38 | 12.73 | NA | NA | 660.50 | 660.50 |
| | | | 08/17/21 | NP | 9.27 | 12.71 | NA | NA | 661.61 | 661.61 |
| | | | 12/07/21 | NP | 9.24 | 12.69 | NA | NA | 661.64 | 661.64 |
| | | | 02/14/22 | NP | 9.52 | 12.72 | NA | NA | 661.36 | 661.36 |
| | | | 05/12/22 | NP | 8.76 | 12.72 | NA | NA | 662.12 | 662.12 |
| | | | 08/11/22 | NP | 9.51 | 12.73 | NA | NA | 661.37 | 661.37 |
| | | | 11/10/22 | NP | 10.58 | 12.69 | NA | NA | 660.30 | 660.30 |
| | | | 02/21/23 | NP | 10.65 | 12.72 | NA | NA | 660.23 | 660.23 |
| | | | 05/10/23 | NP | 9.45 | 12.72 | NA | NA | 661.43 | 661.43 |
| | | | 08/02/23 | NP | 9.71 | 12.71 | NA | NA | 661.17 | 661.17 |
| | | | 10/31/23 | NP | 10.4 | 12.75 | NA | NA | 660.48 | 660.48 |
| | | | 02/20/24 | NP | 10.02 | 12.71 | NA | NA | 660.86 | 660.86 |
| | | | 05/07/24 | NP | 9.34 | 12.70 | NA | NA | 661.54 | 661.54 |
| | | | 07/30/24 | NP | 9.1 | 12.70 | NA | NA | 661.78 | 661.78 |
| | | | 11/05/24 | NP | 10.27 | 12.72 | NA | NA | 660.61 | 660.61 |
| | | | 02/11/25 | NP | 10.54 | 12.70 | NA | NA | 660.34 | 660.34 |
| | | | 04/29/25 | NP | 9.76 | 12.71 | NA | NA | 661.12 | 661.12 |
| MW-210S | 671.08 | 8.0-13.0 | 02/05/20 | NP | 9.35 | 13.00[3] | NA | NA | 661.73 | 661.73 |
| | | | 05/18/20 | NP | 9.2 | 12.73 | NA | NA | 661.88 | 661.88 |
| | | | 08/17/20 | NP | 9.85 | NM | NA | NA | 661.23 | 661.23 |
| | | | 11/20/20 | NP | 10.4 | NM[5] | NA | NA | 660.68 | 660.68 |
| | | | 12/17/20 | NP | 10.4 | 12.72 | NA | NA | 660.68 | 660.68 |
| | | | 02/08/21 | NP | 10.53 | 12.72 | NA | NA | 660.55 | 660.55 |
| | | | 05/03/21 | NP | 10.2 | 12.71 | NA | NA | 660.88 | 660.88 |
| | | | 08/17/21 | NP | 9.2 | 12.71 | NA | NA | 661.88 | 661.88 |
| | | | 12/07/21 | NP | 8.99 | 12.69 | NA | NA | 662.09 | 662.09 |
| | | | 02/14/22 | NP | 9.47 | 12.70 | NA | NA | 661.61 | 661.61 |
| | | | 05/12/22 | NP | 8.5 | 12.72 | NA | NA | 662.58 | 662.58 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-210S | 671.08 | 8.0-13.0 | 08/11/22 | NP | 9.45 | 12.71 | NA | NA | 661.63 | 661.63 |
| | | | 11/10/22 | NP | 10.55 | 12.70 | NA | NA | 660.53 | 660.53 |
| | | | 02/21/23 | NP | 10.4 | 12.74 | NA | NA | 660.68 | 660.68 |
| | | | 05/10/23 | NP | 9.18 | 12.70 | NA | NA | 661.90 | 661.90 |
| | | | 08/02/23 | NP | 9.65 | 12.70 | NA | NA | 661.43 | 661.43 |
| | | | 10/31/23 | NP | 10.34 | 12.74 | NA | NA | 660.74 | 660.74 |
| | | | 02/20/24 | NP | 9.8 | 12.72 | NA | NA | 661.28 | 661.28 |
| | | | 05/07/24 | NP | 9.01 | 12.69 | NA | NA | 662.07 | 662.07 |
| | | | 07/30/24 | NP | 9.02 | 12.69 | NA | NA | 662.06 | 662.06 |
| | | | 11/05/24 | NP | 10.22 | 12.69 | NA | NA | 660.86 | 660.86 |
| | | | 02/11/25 | NP | 10.21 | 12.69 | NA | NA | 660.87 | 660.87 |
| | | | 04/29/25 | NP | 9.37 | 12.70 | NA | NA | 661.71 | 661.71 |
| MW-211S | 669.85 | 7.0-12.0 | 02/05/20 | NP | 7.91 | 12.00[3] | NA | NA | 661.94 | 661.94 |
| MW-211S | 669.85 | 7.0-12.0 | 05/18/20 | NP | 7.76 | 11.85 | NA | NA | 662.09 | 662.09 |
| | | | 08/17/20 | NP | 8.73 | NM | NA | NA | 661.12 | 661.12 |
| | | | 11/20/20 | NP | 9.34 | NM[5] | NA | NA | 660.51 | 660.51 |
| | | | 12/17/20 | NP | 9.25 | 11.84 | NA | NA | 660.60 | 660.60 |
| | | | 02/08/21 | NP | 9.32 | 11.84 | NA | NA | 660.53 | 660.53 |
| | | | 05/03/21 | NP | 8.7 | 11.86 | NA | NA | 661.15 | 661.15 |
| | | | 08/17/21 | NP | 7.88 | 11.65 | NA | NA | 661.97 | 661.97 |
| | | | 12/07/21 | NP | 7.65 | 11.83 | NA | NA | 662.20 | 662.20 |
| | | | 02/14/22 | NP | 8.21 | 11.86 | NA | NA | 661.64 | 661.64 |
| | | | 05/12/22 | NP | 6.95 | 11.84 | NA | NA | 662.90 | 662.90 |
| | | | 08/11/22 | NP | 8.64 | 11.85 | NA | NA | 661.21 | 661.21 |
| | | | 11/10/22 | NP | 9.51 | 11.81 | NA | NA | 660.34 | 660.34 |
| | | | 02/21/23 | NP | 9.05 | 11.85 | NA | NA | 660.80 | 660.80 |
| | | | 05/10/23 | NP | 7.6 | 11.84 | NA | NA | 662.25 | 662.25 |
| | | | 08/02/23 | NP | 8.44 | 11.84 | NA | NA | 661.41 | 661.41 |
| | | | 10/31/23 | NP | 9.2 | 11.88 | NA | NA | 660.65 | 660.65 |
| | | | 02/20/24 | NP | 8 | 11.87 | NA | NA | 661.85 | 661.85 |
| | | | 05/07/24 | NP | 7.47 | 11.82 | NA | NA | 662.38 | 662.38 |
| | | | 07/30/24 | NP | 7.85 | 11.81 | NA | NA | 662.00 | 662.00 |
| | | | 11/05/24 | NP | 9.2 | 11.82 | NA | NA | 660.65 | 660.65 |
| | | | 02/11/25 | NP | 8.93 | 11.82 | NA | NA | 660.92 | 660.92 |
| | | | 04/29/25 | NP | 7.92 | 11.83 | NA | NA | 661.93 | 661.93 |
| MW-212S | 669.45 | 6.5-11.5 | 02/05/20 | NP | 7.39 | 11.50[3] | NA | NA | 662.06 | 662.06 |
| | | | 05/18/20 | NP | 7.22 | 11.17 | NA | NA | 662.23 | 662.23 |
| | | | 08/17/20 | NP | 8.32 | NM | NA | NA | 661.13 | 661.13 |
| | | | 11/20/20 | NP | 8.93 | NM[5] | NA | NA | 660.52 | 660.52 |
| | | | 12/17/20 | NP | 8.81 | 11.17 | NA | NA | 660.64 | 660.64 |
| | | | 02/08/21 | NP | 8.9 | 11.17 | NA | NA | 660.55 | 660.55 |
| | | | 05/03/21 | NP | 8.13 | 11.15 | NA | NA | 661.32 | 661.32 |
| | | | 08/17/21 | NP | 7.36 | 11.16 | NA | NA | 662.09 | 662.09 |
| | | | 12/07/21 | NP | 7.11 | 11.13 | NA | NA | 662.34 | 662.34 |
| | | | 02/14/22 | NP | 7.75 | 11.11 | NA | NA | 661.70 | 661.70 |
| | | | 05/12/22 | NP | 6.41 | 11.15 | NA | NA | 663.04 | 663.04 |
| | | | 08/11/22 | NP | 7.82 | 11.10 | NA | NA | 661.63 | 661.63 |
| | | | 11/10/22 | NP | 9.16 | 11.10 | NA | NA | 660.29 | 660.29 |
| | | | 02/21/23 | NP | 8.53 | 11.15 | NA | NA | 660.92 | 660.92 |
| | | | 05/10/23 | NP | 7.09 | 11.15 | NA | NA | 662.36 | 662.36 |
| | | | 08/02/23 | NP | 7.97 | 11.14 | NA | NA | 661.48 | 661.48 |
| | | | 10/31/23 | NP | 8.81 | 11.17 | NA | NA | 660.64 | 660.64 |
| | | | 02/20/24 | NP | 7.51 | 11.17 | NA | NA | 661.94 | 661.94 |
| | | | 05/07/24 | NP | 6.99 | 11.14 | NA | NA | 662.46 | 662.46 |
| | | | 07/30/24 | NP | 7.45 | 11.13 | NA | NA | 662.00 | 662.00 |
| | | | 11/05/24 | NP | 8.83 | 11.13 | NA | NA | 660.62 | 660.62 |
| | | | 02/11/25 | NP | 8.53 | 11.13 | NA | NA | 660.92 | 660.92 |
| | | | 04/29/25 | NP | 7.5 | 11.14 | NA | NA | 661.95 | 661.95 |
| MW-213S | 669.10 | 6.0-11.0 | 02/05/20 | NP | 7.02 | 11.00[3] | NA | NA | 662.08 | 662.08 |
| | | | 05/18/20 | NP | 6.9 | 10.83 | NA | NA | 662.20 | 662.20 |
| | | | 08/17/20 | NP | 8.08 | NM | NA | NA | 661.02 | 661.02 |
| | | | 11/20/20 | NP | 8.66 | NM[5] | NA | NA | 660.44 | 660.44 |
| | | | 12/17/20 | NP | 8.52 | 10.83 | NA | NA | 660.58 | 660.58 |
| | | | 02/08/21 | NP | 8.59 | 10.83 | NA | NA | 660.51 | 660.51 |
| | | | 05/03/21 | NP | 7.83 | 10.82 | NA | NA | 661.27 | 661.27 |
| | | | 08/17/21 | NP | 7.04 | 10.82 | NA | NA | 662.06 | 662.06 |
| | | | 12/07/21 | NP | 6.73 | 10.81 | NA | NA | 662.37 | 662.37 |
| | | | 02/14/22 | NP | 7.46 | 10.81 | NA | NA | 661.64 | 661.64 |
| | | | 05/12/22 | NP | 6.19 | 10.81 | NA | NA | 662.91 | 662.91 |
| | | | 08/11/22 | NP | 7.8 | 10.82 | NA | NA | 661.30 | 661.30 |
| | | | 11/10/22 | NP | 8.96 | 10.82 | NA | NA | 660.14 | 660.14 |
| | | | 02/21/23 | NP | 8.23 | 10.82 | NA | NA | 660.87 | 660.87 |
| | | | 05/10/23 | NP | 6.75 | 10.82 | NA | NA | 662.35 | 662.35 |
| | | | 08/02/23 | NP | 7.69 | 10.81 | NA | NA | 661.41 | 661.41 |
| | | | 10/31/23 | NP | 8.54 | 10.84 | NA | NA | 660.56 | 660.56 |
| | | | 02/20/24 | NP | 7.22 | 10.82 | NA | NA | 661.88 | 661.88 |
| | | | 05/07/24 | NP | 6.72 | 10.81 | NA | NA | 662.38 | 662.38 |
| | | | 07/30/24 | NP | 7.24 | 10.78 | NA | NA | 661.86 | 661.86 |
| | | | 11/05/24 | NP | 8.59 | 10.81 | NA | NA | 660.51 | 660.51 |
| | | | 02/11/25 | NP | 8.28 | 10.80 | NA | NA | 660.82 | 660.82 |
| | | | 04/29/25 | NP | 7.24 | 10.80 | NA | NA | 661.86 | 661.86 |
| MW-214S | 667.97 | 5.5-10.5 | 02/05/20 | NP | 5.67 | 8.00[3] | NA | NA | 662.30 | 662.30 |
| | | | 05/18/20 | NP | 6.34 | 10.96 | NA | NA | 661.63 | 661.63 |
| | | | 08/17/20 | Could Not Access | | | | | | |
| | | | 11/20/20 | | | | | | | |
| | | | 02/08/21 | NP | 8.42 | 10.89 | NA | NA | 659.55 | 659.55 |
| | | | 05/03/21 | NP | 7.83 | 10.89 | NA | NA | 660.14 | 660.14 |
| | | | 08/17/21 | NP | 6.6 | 10.87 | NA | NA | 661.37 | 661.37 |
| | | | 12/07/21 | NP | 6.78 | 10.91 | NA | NA | 661.19 | 661.19 |
| | | | 02/14/22 | NP | 7.44 | 10.85 | NA | NA | 660.53 | 660.53 |
| | | | 05/12/22 | NP | 6.1 | 10.90 | NA | NA | 661.87 | 661.87 |
| | | | 08/11/22 | NP | 7.77 | 10.87 | NA | NA | 660.20 | 660.20 |
| | | | 11/10/22 | NP | 9.05 | 10.88 | NA | NA | 658.92 | 658.92 |
| | | | 02/21/23 | NP | 8.1 | 10.84 | NA | NA | 659.87 | 659.87 |
| | | | 05/10/23 | NP | 6.7 | 10.89 | NA | NA | 661.27 | 661.27 |
| | | | 08/02/23 | NP | 7.91 | 10.88 | NA | NA | 660.06 | 660.06 |
| | | | 10/31/23 | NP | 8.69 | 10.88 | NA | NA | 659.28 | 659.28 |
| | | | 02/20/24 | NP | 7.22 | 10.88 | NA | NA | 660.75 | 660.75 |
| | | | 05/07/24 | NP | 7.12 | 10.89 | NA | NA | 660.85 | 660.85 |
| | | | 07/30/24 | NP | 7.58 | 10.88 | NA | NA | 660.39 | 660.39 |
| | | | 11/05/24 | NP | 8.79 | 10.88 | NA | NA | 659.18 | 659.18 |
| | | | 02/11/25 | NP | 8.42 | 10.90 | NA | NA | 659.55 | 659.55 |
| | | | 04/29/25 | NP | 7.35 | 10.90 | NA | NA | 660.62 | 660.62 |
| MW-215S | 665.74 | 3.0-8.0 | 02/05/20 | NP | 4.78 | 7.50[3] | NA | NA | 660.96 | 660.96 |
| | | | 05/18/20 | NP | 4.65 | 7.62 | NA | NA | 661.09 | 661.09 |
| | | | 08/17/20 | Could Not Locate | | | | | | |
| | | | 11/20/20 | | | | | | | |
| | | | 02/08/21 | | | | | | | |
| | | | 05/03/21 | NP | 6.22 | 7.59 | NA | NA | 659.52 | 659.52 |
| | | | 08/17/21 | NP | 4.6 | 7.59 | NA | NA | 661.14 | 661.14 |
| | | | 12/07/21 | NP | 5.36 | 7.60 | NA | NA | 660.38 | 660.38 |
| | | | 02/14/22 | NP | 6.04 | 7.60 | NA | NA | 659.70 | 659.70 |
| | | | 05/12/22 | NP | 4.98 | 7.60 | NA | NA | 660.76 | 660.76 |
| | | | 08/11/22 | NP | 6.15 | 7.58 | NA | NA | 659.59 | 659.59 |
| | | | 11/10/22 | DRY | | | | | | |
| | | | 02/21/23 | NP | 7.18 | 7.59 | NA | NA | 658.56 | 658.56 |
| | | | 05/10/23 | NP | 5.79 | 7.59 | NA | NA | 659.95 | 659.95 |
| | | | 08/02/23 | NP | 6.53 | 7.59 | NA | NA | 659.21 | 659.21 |
| | | | 10/31/23 | NP | 7.44 | 7.59 | NA | NA | 658.30 | 658.30 |
| | | | 02/20/24 | NP | 6.1 | 7.61 | NA | NA | 659.64 | 659.64 |
| | | | 05/07/24 | NP | 5.6 | 7.60 | NA | NA | 660.14 | 660.14 |
| | | | 07/30/24 | NP | 5.92 | 7.60 | NA | NA | 659.82 | 659.82 |
| | | | 11/05/24 | NP | 7.35 | 7.62 | NA | NA | 658.39 | 658.39 |
| | | | 02/11/25 | NP | 7.3 | 7.59 | NA | NA | 658.44 | 658.44 |
| | | | 04/29/25 | NP | 6.19 | 7.61 | NA | NA | 659.55 | 659.55 |
| MW-218S | 671.68 | 9.0-14.0 | 02/05/20 | NP | 9.97 | 14.00[3] | NA | NA | 661.71 | 661.71 |
| | | | 05/18/20 | NP | 10.26 | 13.19 | NA | NA | 661.42 | 661.42 |
| | | | 08/17/20 | NP | 10.38 | NM | NA | NA | 661.30 | 661.30 |
| | | | 11/20/20 | NP | 11.01 | NM[5] | NA | NA | 660.67 | 660.67 |
| | | | 12/17/20 | NP | 11.1 | 13.16 | NA | NA | 660.58 | 660.58 |
| | | | 02/08/21 | NP | 11.39 | 13.15 | NA | NA | 660.29 | 660.29 |
| | | | 05/03/21 | NP | 11.31 | 13.19 | NA | NA | 660.37 | 660.37 |
| | | | 08/17/21 | NP | 10.89 | 13.08 | NA | NA | 660.79 | 660.79 |
| | | | 12/07/21 | NP | 10.28 | 13.15 | NA | NA | 661.40 | 661.40 |
| | | | 02/14/22 | NP | 10.31 | 13.18 | NA | NA | 661.37 | 661.37 |
| | | | 05/12/22 | NP | 9.85 | 12.90 | NA | NA | 661.83 | 661.83 |
| | | | 08/11/22 | NP | 10.28 | 12.90 | NA | NA | 661.40 | 661.40 |
| | | | 11/10/22 | NP | 11.36 | 12.93 | NA | NA | 660.32 | 660.32 |
| | | | 02/21/23 | NP | 11.66 | 13.15 | NA | NA | 660.02 | 660.02 |
| | | | 05/10/23 | NP | 10.41 | 12.90 | NA | NA | 661.27 | 661.27 |
| | | | 08/02/23 | NP | 10.5 | 13.15 | NA | NA | 661.18 | 661.18 |
| | | | 10/31/23 | NP | 11.24 | 13.00 | NA | NA | 660.44 | 660.44 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-218S | 671.68 | 9.0-14.0 | 02/20/24 | NP | 10.75 | 13.17 | NA | NA | 660.93 | 660.93 |
| | | | 05/07/24 | NP | 10.39 | 13.15 | NA | NA | 661.29 | 661.29 |
| | | | 07/30/24 | NP | 9.96 | 13.13 | NA | NA | 661.72 | 661.72 |
| | | | 11/05/24 | NP | 11.04 | 13.14 | NA | NA | 660.64 | 660.64 |
| | | | 02/11/25 | NP | 11.72 | 13.14 | NA | NA | 659.96 | 659.96 |
| | | | 04/29/25 | NP | 10.98 | 13.14 | NA | NA | 660.70 | 660.70 |
| MW-219S | 669.63 | 7.0-12.0 | 02/05/20 | NP | 7.14 | 12.00[3] | NA | NA | 662.49 | 662.49 |
| | | | 05/18/20 | NP | 7.36 | 11.30 | NA | NA | 662.27 | 662.27 |
| | | | 08/17/20 | NP | 7.47 | NM | NA | NA | 662.16 | 662.16 |
| | | | 11/20/20 | NP | 8.04 | NM[5] | NA | NA | 661.59 | 661.59 |
| | | | 12/17/20 | NP | 8.06 | 11.32 | NA | NA | 661.57 | 661.57 |
| | | | 02/08/21 | NP | 8.46 | 11.31 | NA | NA | 661.17 | 661.17 |
| | | | 05/03/21 | NP | 8.42 | 11.31 | NA | NA | 661.21 | 661.21 |
| | | | 08/17/21 | NP | 7.82 | 11.30 | NA | NA | 661.81 | 661.81 |
| | | | 12/07/21 | NP | 6.98 | 11.28 | NA | NA | 662.65 | 662.65 |
| | | | 02/14/22 | NP | 7.4 | 11.28 | NA | NA | 662.23 | 662.23 |
| | | | 05/12/22 | NP | 6.21 | 11.29 | NA | NA | 663.42 | 663.42 |
| | | | 08/11/22 | NP | 6.4 | 11.29 | NA | NA | 663.23 | 663.23 |
| | | | 11/10/22 | NP | 7.71 | 11.28 | NA | NA | 661.92 | 661.92 |
| | | | 02/21/23 | NP | 7.67 | 11.27 | NA | NA | 661.96 | 661.96 |
| | | | 05/10/23 | NP | 6.43 | 11.30 | NA | NA | 663.20 | 663.20 |
| | | | 08/02/23 | NP | 6.42 | 11.33 | NA | NA | 663.21 | 663.21 |
| | | | 10/31/23 | NP | 7.33 | 11.32 | NA | NA | 662.30 | 662.30 |
| | | | 02/20/24 | NP | 6.8 | 11.28 | NA | NA | 662.83 | 662.83 |
| | | | 05/07/24 | NP | 6.23 | 11.28 | NA | NA | 663.40 | 663.40 |
| | | | 07/30/24 | NP | 6 | 11.31 | NA | NA | 663.63 | 663.63 |
| | | | 11/05/24 | NP | 7.16 | 11.31 | NA | NA | 662.47 | 662.47 |
| | | | 02/11/25 | NP | 7.94 | 11.31 | NA | NA | 661.69 | 661.69 |
| | | | 04/29/25 | NP | 7.15 | 11.30 | NA | NA | 662.48 | 662.48 |
| MW-223S | 670.85 | 8.5-13.5 | 02/05/20 | NP | 10.68 | 13.50[3] | NA | NA | 660.17 | 660.17 |
| | | | 05/18/20 | NP | 10.67 | 13.22 | NA | NA | 660.18 | 660.18 |
| | | | 08/17/20 | Could Not Access | | | | | | |
| | | | 11/20/20 | | | | | | | |
| | | | 02/08/21 | NP | 11.91 | 13.23 | NA | NA | 658.94 | 658.94 |
| | | | 05/03/21 | NP | 11.74 | 13.22 | NA | NA | 659.11 | 659.11 |
| | | | 08/17/21 | NP | 10.75 | 13.22 | NA | NA | 660.10 | 660.10 |
| | | | 12/07/21 | NP | 11.06 | 13.22 | NA | NA | 659.79 | 659.79 |
| | | | 02/14/22 | NP | 11.31 | 13.20 | NA | NA | 659.54 | 659.54 |
| | | | 05/12/22 | NP | 10.92 | 13.22 | NA | NA | 659.93 | 659.93 |
| | | | 11/10/22 | NP | 12.45 | 13.21 | NA | NA | 658.40 | 658.40 |
| | | | 02/21/23 | NP | 12.84 | 13.21 | NA | NA | 658.01 | 658.01 |
| | | | 05/10/23 | NP | 11.52 | 13.21 | NA | NA | 659.33 | 659.33 |
| | | | 08/02/23 | NP | 11.61 | 13.22 | NA | NA | 659.24 | 659.24 |
| | | | 10/31/23 | NP | 12.36 | 13.22 | NA | NA | 658.49 | 658.49 |
| | | | 02/20/24 | NP | 11.9 | 13.25 | NA | NA | 658.95 | 658.95 |
| MW-223S | 670.85 | 8.5-13.5 | 05/07/24 | NP | 11.59 | 13.23 | NA | NA | 659.26 | 659.26 |
| | | | 07/30/24 | NP | 11.15 | 13.21 | NA | NA | 659.70 | 659.70 |
| | | | 11/05/24 | NP | 12.26 | 13.22 | NA | NA | 658.59 | 658.59 |
| | | | 02/11/25 | NP | 12.85 | 13.20 | NA | NA | 658.00 | 658.00 |
| | | | 04/29/25 | NP | 12.15 | 13.21 | NA | NA | 658.70 | 658.70 |
| MW-234 | 668.97 | 12.0-17.0 | 10/31/23 | NP | 8.36 | 15.82 | NA | NA | 660.61 | 660.61 |
| | | | 02/20/24 | NP | 6.95 | 15.80 | NA | NA | 662.02 | 662.02 |
| | | | 05/07/24 | NP | 6.5 | 15.80 | NA | NA | 662.47 | 662.47 |
| | | | 07/30/24 | NP | 7.06 | 15.78 | NA | NA | 661.91 | 661.91 |
| | | | 11/05/24 | NP | 8.43 | 15.80 | NA | NA | 660.54 | 660.54 |
| | | | 02/11/25 | NP | 8.12 | 15.81 | NA | NA | 660.85 | 660.85 |
| | | | 04/29/25 | NP | 7.03 | 15.78 | NA | NA | 661.94 | 661.94 |
| MW-235 | 669.30 | 14.0-19.0 | 10/31/23 | NP | 8.74 | 17.83 | NA | NA | 660.56 | 660.56 |
| | | | 02/20/24 | NP | 7.4 | 17.76 | NA | NA | 661.90 | 661.90 |
| | | | 05/07/24 | NP | 6.93 | 17.77 | NA | NA | 662.37 | 662.37 |
| | | | 07/30/24 | NP | 7.38 | 17.75 | NA | NA | 661.92 | 661.92 |
| | | | 11/05/24 | NP | 8.78 | 17.78 | NA | NA | 660.52 | 660.52 |
| | | | 02/11/25 | NP | 8.45 | 17.77 | NA | NA | 660.85 | 660.85 |
| | | | 04/29/25 | NP | 7.43 | 17.77 | NA | NA | 661.87 | 661.87 |
| PW-16-01 | 670.23 | 9.7-19.7 | 07/24/17 | NP | 9.04 | 21.58 | NA | NA | 661.19 | 661.19 |
| | | | 11/06/17 | NP | 8.45 | 21.58 | NA | NA | 661.78 | 661.78 |
| | | | 02/05/18 | NP | 8.7 | 21.62 | NA | NA | 661.53 | 661.53 |
| | | | 05/07/18 | NP | 7.24 | 21.44 | NA | NA | 662.99 | 662.99 |
| | | | 08/16/18 | NP | 7.56 | NM | NA | NA | 662.67 | 662.67 |
| | | | 11/19/18 | NP | 8 | NM | NA | NA | 662.23 | 662.23 |
| | | | 02/22/19 | NP | 8.71 | 21.60 | NA | NA | 661.52 | 661.52 |
| | | | 06/14/19 | NP | 7.4 | 21.45 | NA | NA | 662.83 | 662.83 |
| | | | 09/26/19 | NP | 8.46 | 21.47 | NA | NA | 661.77 | 661.77 |
| | | | 11/04/19 | NP | 8.61 | 21.57 | NA | NA | 661.62 | 661.62 |
| | | | 02/05/20 | NP | 8.65 | NM | NA | NA | 661.58 | 661.58 |
| | | | 05/18/20 | NP | 8.85 | 21.56 | NA | NA | 661.38 | 661.38 |
| | | | 08/17/20 | NP | 8.55 | NM | NA | NA | 661.68 | 661.68 |
| | | | 11/20/20 | NP | 9.05 | NM[5] | NA | NA | 661.18 | 661.18 |
| | | | 12/17/20 | NP | 9.21 | 21.56 | NA | NA | 661.02 | 661.02 |
| | | | 02/08/21 | NP | 9.46 | 21.42 | NA | NA | 660.77 | 660.77 |
| | | | 05/03/21 | NP | 9.54 | 21.49 | NA | NA | 660.69 | 660.69 |
| | | | 08/17/21 | NP | 8.27 | 21.43 | NA | NA | 661.96 | 661.96 |
| | | | 12/07/21 | NP | 7.99 | 21.51 | NA | NA | 662.24 | 662.24 |
| | | | 02/14/22 | NP | 8.21 | 21.65 | NA | NA | 662.02 | 662.02 |
| | | | 05/12/22 | NP | 7.13 | 22.29 | NA | NA | 663.10 | 663.10 |
| | | | 08/11/22 | NP | 7.13 | 21.48 | NA | NA | 663.10 | 663.10 |
| | | | 02/21/23 | NP | 8.4 | 21.45 | NA | NA | 661.83 | 661.83 |
| | | | 05/10/23 | NP | 7.11 | 21.45 | NA | NA | 663.12 | 663.12 |
| | | | 08/02/23 | NP | 6.99 | 21.47 | NA | NA | 663.24 | 663.24 |
| | | | 10/31/23 | NP | 7.63 | 21.47 | NA | NA | 662.60 | 662.60 |
| | | | 02/20/24 | NP | 7.71 | 21.43 | NA | NA | 662.52 | 662.52 |
| | | | 05/07/24 | NP | 7.26 | 21.43 | NA | NA | 662.97 | 662.97 |
| | | | 07/30/24 | NP | 6.83 | 21.60 | NA | NA | 663.40 | 663.40 |
| | | | 11/05/24 | NP | 7.68 | 21.52 | NA | NA | 662.55 | 662.55 |
| | | | 02/11/25 | NP | 8.3 | 21.46 | NA | NA | 661.93 | 661.93 |
| | | | 04/29/25 | NP | 7.68 | 21.42 | NA | NA | 662.55 | 662.55 |
| TW-16-01 | 669.53 | 12.0-17.0 | 07/24/17 | NP | 8.36 | 16.80 | NA | NA | 661.17 | 661.17 |
| | | | 11/06/17 | NP | 7.68 | 16.64 | NA | NA | 661.85 | 661.85 |
| | | | 02/05/18 | NP | 7.91 | 16.87 | NA | NA | 661.62 | 661.62 |
| | | | 05/07/18 | NP | 6.87 | 16.64 | NA | NA | 662.66 | 662.66 |
| | | | 08/16/18 | NP | 6.78 | NM | NA | NA | 662.75 | 662.75 |
| | | | 11/19/18 | NP | 7.14 | NM | NA | NA | 662.39 | 662.39 |
| TW-16-01 | 669.53 | 12.0-17.0 | 02/22/19 | NP | 7.91 | 16.62 | NA | NA | 661.62 | 661.62 |
| | | | 06/14/19 | NP | 6.59 | 16.62 | NA | NA | 662.94 | 662.94 |
| | | | 09/26/19 | NP | 7.71 | 16.80 | NA | NA | 661.82 | 661.82 |
| | | | 11/04/19 | NP | 7.58 | 16.80 | NA | NA | 661.95 | 661.95 |
| | | | 02/05/20 | NP | 7.93 | NM | NA | NA | 661.60 | 661.60 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NM[4] | NM[4] |
| | | | 08/17/20 | NP | 7.77 | NM | NA | NA | 661.76 | 661.76 |
| | | | 11/20/20 | NP | 8.26 | NM[5] | NA | NA | 661.27 | 661.27 |
| | | | 12/17/20 | NP | 8.34 | 16.65 | NA | NA | 661.19 | 661.19 |
| | | | 02/08/21 | NP | 8.68 | 16.78 | NA | NA | 660.85 | 660.85 |
| | | | 03/23/21 | NP | 8.99 | NM | NA | NA | 660.54 | 660.54 |
| | | | 05/03/21 | NP | 8.69 | 16.79 | NA | NA | 660.84 | 660.84 |
| | | | 08/17/21 | NP | 7.48 | 16.79 | NA | NA | 662.05 | 662.05 |
| | | | 12/07/21 | NP | 7.34 | 16.81 | NA | NA | 662.19 | 662.19 |
| | | | 02/14/22 | NP | 7.58 | 16.78 | NA | NA | 661.95 | 661.95 |
| | | | 05/12/22 | NP | 6.32 | 16.79 | NA | NA | 663.21 | 663.21 |
| | | | 08/11/22 | NP | 6.33 | 16.81 | NA | NA | 663.20 | 663.20 |
| | | | 11/10/22 | NP | 7.63 | 16.81 | NA | NA | 661.90 | 661.90 |
| | | | 02/21/23 | NP | 7.55 | 16.79 | NA | NA | 661.98 | 661.98 |
| | | | 05/10/23 | NP | 6.25 | 16.79 | NA | NA | 663.28 | 663.28 |
| | | | 08/02/23 | NP | 6.21 | 16.80 | NA | NA | 663.32 | 663.32 |
| | | | 10/31/23 | NP | 7.13 | 16.80 | NA | NA | 662.40 | 662.40 |
| | | | 02/20/24 | NP | 6.81 | 16.78 | NA | NA | 662.72 | 662.72 |
| | | | 05/07/24 | NP | 6.17 | 16.78 | NA | NA | 663.36 | 663.36 |
| | | | 07/30/24 | NP | 5.72 | 16.83 | NA | NA | 663.81 | 663.81 |
| | | | 11/05/24 | NP | 6.93 | 16.65 | NA | NA | 662.60 | 662.60 |
| | | | 02/11/25 | NP | 7.72 | 16.77 | NA | NA | 661.81 | 661.81 |
| | | | 04/29/25 | NP | 6.83 | 16.78 | NA | NA | 662.70 | 662.70 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| TW-16-02 | 669.43 | 12.0-17.0 | 04/20/17 | NP | 4.48 | 18.85 | NA | NA | 664.95 | 664.95 |
| | | | 07/24/17 | NP | 8 | 17.14 | NA | NA | 661.43 | 661.43 |
| | | | 11/06/17 | NP | 7.48 | 17.17 | NA | NA | 661.95 | 661.95 |
| | | | 02/05/18 | NP | 7.71 | 17.15 | NA | NA | 661.72 | 661.72 |
| | | | 05/07/18 | NP | 6.85 | 16.91 | NA | NA | 662.58 | 662.58 |
| | | | 08/16/18 | NP | 6.62 | NM | NA | NA | 662.81 | 662.81 |
| | | | 11/19/18 | NP | 6.94 | NM | NA | NA | 662.49 | 662.49 |
| | | | 02/22/19 | NP | 7.67 | 17.13 | NA | NA | 661.76 | 661.76 |
| | | | 06/14/19 | NP | 6.36 | 16.89 | NA | NA | 663.07 | 663.07 |
| | | | 09/26/19 | NP | 7.5 | 17.15 | NA | NA | 661.93 | 661.93 |
| | | | 11/04/19 | NP | 7.43 | 17.12 | NA | NA | 662.00 | 662.00 |
| | | | 02/05/20 | NP | 7.65 | NM | NA | NA | 661.78 | 661.78 |
| | | | 05/18/20 | NM[4] | NM[4] | NM[4] | NA[4] | NA[4] | NA[4] | NM[4] |
| | | | 08/17/20 | NP | 7.6 | NM | NA | NA | 661.83 | 661.83 |
| | | | 11/20/20 | NP | 8.09 | NM[5] | NA | NA | 661.34 | 661.34 |
| | | | 12/17/20 | NP | 8.16 | 17.21 | NA | NA | 661.27 | 661.27 |
| | | | 02/08/21 | NP | 8.44 | 17.14 | NA | NA | 660.99 | 660.99 |
| | | | 05/03/21 | NP | 8.42 | 16.89 | NA | NA | 661.01 | 661.01 |
| | | | 08/17/21 | NP | 7.3 | 17.15 | NA | NA | 662.13 | 662.13 |
| | | | 12/07/21 | NP | 7.02 | 17.18 | NA | NA | 662.41 | 662.41 |
| | | | 02/14/22 | NP | 7.21 | 17.20 | NA | NA | 662.22 | 662.22 |
| | | | 05/12/22 | NP | 6.4 | 17.15 | NA | NA | 663.03 | 663.03 |
| | | | 08/11/22 | NP | 6.11 | 17.18 | NA | NA | 663.32 | 663.32 |
| | | | 11/10/22 | NP | 7.32 | 17.16 | NA | NA | 662.11 | 662.11 |
| | | | 02/21/23 | NP | 7.19 | 17.15 | NA | NA | 662.24 | 662.24 |
| | | | 05/10/23 | NP | 5.92 | 17.14 | NA | NA | 663.51 | 663.51 |
| | | | 08/02/23 | NP | 5.93 | 17.17 | NA | NA | 663.50 | 663.50 |
| | | | 10/31/23 | NP | 6.85 | 17.17 | NA | NA | 662.58 | 662.58 |
| | | | 02/20/24 | NP | 6.47 | 17.13 | NA | NA | 662.96 | 662.96 |
| | | | 05/07/24 | NP | 5.81 | 17.14 | NA | NA | 663.62 | 663.62 |
| | | | 07/30/24 | NP | 5.23 | 17.19 | NA | NA | 664.20 | 664.20 |
| | | | 11/05/24 | NP | 6.63 | 17.14 | NA | NA | 662.80 | 662.80 |
| | | | 02/11/25 | NP | 7.36 | 17.14 | NA | NA | 662.07 | 662.07 |
| | | | 04/29/25 | NP | 6.47 | 17.14 | NA | NA | 662.96 | 662.96 |
| PZ-01 | 670.88 | 15.0-20.0 | 02/22/19 | NP | 8.64 | 19.42 | NA | NA | 662.24 | 662.24 |
| | | | 06/14/19 | NP | 7.84 | 19.42 | NA | NA | 663.04 | 663.04 |
| | | | 09/26/19 | NP | 9.57 | 19.43 | NA | NA | 661.31 | 661.31 |
| | | | 11/04/19 | NP | 9.07 | 19.43 | NA | NA | 661.81 | 661.81 |
| | | | 02/05/20 | NP | 8.44 | NM | NA | NA | 662.44 | 662.44 |
| | | | 04/01/20 | NP | 8.44 | NM | NA | NA | 662.44 | 662.44 |
| | | | 05/18/20 | NP | 8.25 | 19.44 | NA | NA | 662.63 | 662.63 |
| | | | 08/17/20 | NP | 9.35 | NM | NA | NA | 661.53 | 661.53 |
| | | | 11/20/20 | NP | 9.95 | 19.43[5] | NA | NA | 660.93 | 660.93 |
| | | | 12/17/20 | NP | 9.9 | 19.45 | NA | NA | 660.98 | 660.98 |
| | | | 02/08/21 | NP | 9.96 | 19.44 | NA | NA | 660.92 | 660.92 |
| | | | 03/23/21 | NP | 9.74 | NM | NA | NA | 661.14 | 661.14 |
| | | | 05/03/21 | NP | 9.14 | 19.44 | NA | NA | 661.74 | 661.74 |
| | | | 08/17/21 | NP | 8.18 | 19.38 | NA | NA | 662.70 | 662.70 |
| | | | 12/07/21 | NP | 8.1 | 19.44 | NA | NA | 662.78 | 662.78 |
| | | | 02/14/22 | NP | 8.83 | 19.45 | NA | NA | 662.05 | 662.05 |
| | | | 05/12/22 | NP | 7.39 | 19.42 | NA | NA | 663.49 | 663.49 |
| | | | 08/11/22 | NP | 8.65 | 19.43 | NA | NA | 662.23 | 662.23 |
| | | | 02/21/23 | NP | 9.4 | 19.42 | NA | NA | 661.48 | 661.48 |
| | | | 05/10/23 | NP | 7.97 | 19.46 | NA | NA | 662.91 | 662.91 |
| | | | 08/02/23 | NP | 7.76 | 19.46 | NA | NA | 663.12 | 663.12 |
| | | | 10/31/23 | NP | 9.65 | 19.44 | NA | NA | 661.23 | 661.23 |
| | | | 02/20/24 | NP | 8.39 | 19.45 | NA | NA | 662.49 | 662.49 |
| | | | 05/07/24 | NP | 7.88 | 19.43 | NA | NA | 663.00 | 663.00 |
| | | | 07/30/24 | NP | 8.25 | 19.42 | NA | NA | 662.63 | 662.63 |
| | | | 11/05/24 | NP | 8.34 | 19.42 | NA | NA | 662.54 | 662.54 |
| | | | 02/11/25 | NP | 9.51 | 19.42 | NA | NA | 661.37 | 661.37 |
| | | | 04/29/25 | NP | 8.45 | 19.44 | NA | NA | 662.43 | 662.43 |
| PZ-02 | 670.67 | 15.0-20.0 | 02/22/19 | NP | 8.9 | 19.70 | NA | NA | 661.77 | 661.77 |
| | | | 06/14/19 | NP | 8.06 | 19.70 | NA | NA | 662.61 | 662.61 |
| | | | 09/26/19 | NP | 9.2 | 19.72 | NA | NA | 661.47 | 661.47 |
| | | | 11/04/19 | NP | 9.15 | 19.70 | NA | NA | 661.52 | 661.52 |
| | | | 02/05/20 | NP | 9.09 | NM | NA | NA | 661.58 | 661.58 |
| | | | 05/18/20 | NP | 8.68 | 19.71 | NA | NA | 661.99 | 661.99 |
| | | | 08/17/20 | NP | 9.24 | NM | NA | NA | 661.43 | 661.43 |
| | | | 11/20/20 | NP | 9.78 | 19.71[5] | NA | NA | 660.89 | 660.89 |
| | | | 12/17/20 | NP | 9.74 | 19.72 | NA | NA | 660.93 | 660.93 |
| | | | 02/08/21 | NM | NM | NM | NA | NA | NM | NM |
| | | | 03/23/21 | NP | 9.77 | NM | NA | NA | 660.90 | 660.90 |
| | | | 05/03/21 | NP | 9.23 | 19.73 | NA | NA | 661.44 | 661.44 |
| | | | 08/17/21 | NP | 8.45 | 19.71 | NA | NA | 662.22 | 662.22 |
| | | | 12/07/21 | NP | 8.2 | 19.75 | NA | NA | 662.47 | 662.47 |
| | | | 02/14/22 | NP | 8.4 | 19.71 | NA | NA | 662.27 | 662.27 |
| | | | 05/12/22 | NP | 7.6 | 19.71 | NA | NA | 663.07 | 663.07 |
| | | | 08/11/22 | NP | 8.61 | 19.61 | NA | NA | 662.06 | 662.06 |
| | | | 11/10/22 | NP | 9.63 | 19.75 | NA | NA | 661.04 | 661.04 |
| | | | 02/21/23 | NP | 9.41 | 19.71 | NA | NA | 661.26 | 661.26 |
| | | | 05/10/23 | NP | 8.09 | 19.71 | NA | NA | 662.58 | 662.58 |
| | | | 08/02/23 | NP | 8.7 | 19.72 | NA | NA | 661.97 | 661.97 |
| | | | 10/31/23 | NP | 9.41 | 19.72 | NA | NA | 661.26 | 661.26 |
| | | | 02/20/24 | NP | 8.5 | 19.72 | NA | NA | 662.17 | 662.17 |
| | | | 05/07/24 | NP | 7.91 | 19.70 | NA | NA | 662.76 | 662.76 |
| | | | 07/30/24 | NP | 8 | 19.71 | NA | NA | 662.67 | 662.67 |
| | | | 11/05/24 | NP | 9.34 | 19.71 | NA | NA | 661.33 | 661.33 |
| | | | 02/11/25 | NP | 9.15 | 19.70 | NA | NA | 661.52 | 661.52 |
| | | | 04/29/25 | NP | 8.25 | 19.70 | NA | NA | 662.42 | 662.42 |
| PZ-03 | 670.62 | 15.0-20.0 | 02/22/19 | NP | 9.23 | 19.68 | NA | NA | 661.39 | 661.39 |
| | | | 06/14/19 | NP | 8.31 | 19.68 | NA | NA | 662.31 | 662.31 |
| | | | 09/26/19 | NP | 9.48 | 19.67 | NA | NA | 661.14 | 661.14 |
| | | | 11/04/19 | NP | 9.49 | 19.68 | NA | NA | 661.13 | 661.13 |
| | | | 02/05/20 | NP | 9.35 | NM | NA | NA | 661.27 | 661.27 |
| | | | 04/01/20 | NP | 9.43 | NM | NA | NA | 661.19 | 661.19 |
| | | | 05/18/20 | NP | 9.24 | 19.69 | NA | NA | 661.38 | 661.38 |
| | | | 08/17/20 | NP | 9.53 | NM | NA | NA | 661.09 | 661.09 |
| | | | 11/20/20 | NP | 9.95 | 19.67[5] | NA | NA | 660.67 | 660.67 |
| | | | 12/17/20 | NP | 9.98 | 19.70 | NA | NA | 660.64 | 660.64 |
| | | | 02/08/21 | NP | 10.16 | 19.70 | NA | NA | 660.46 | 660.46 |
| | | | 03/23/21 | NP | 10.22 | NM | NA | NA | 660.40 | 660.40 |
| | | | 05/03/21 | NP | 9.96 | 19.71 | NA | NA | 660.66 | 660.66 |
| | | | 08/17/21 | NP | 8.98 | 19.70 | NA | NA | 661.64 | 661.64 |
| | | | 12/07/21 | NP | 8.82 | 19.71 | NA | NA | 661.80 | 661.80 |
| | | | 02/14/22 | NP | 9.09 | 19.70 | NA | NA | 661.53 | 661.53 |
| | | | 05/12/22 | NP | 8.23 | 19.70 | NA | NA | 662.39 | 662.39 |
| | | | 08/11/22 | NP | 8.84 | 19.70 | NA | NA | 661.78 | 661.78 |
| | | | 02/21/23 | NP | 9.88 | 19.68 | NA | NA | 660.74 | 660.74 |
| | | | 05/10/23 | NP | 8.69 | 19.70 | NA | NA | 661.93 | 661.93 |
| PZ-03 | 670.62 | 15.0-20.0 | 08/02/23 | NP | 8.94 | 19.70 | NA | NA | 661.68 | 661.68 |
| | | | 10/31/23 | NP | 9.56 | 19.70 | NA | NA | 661.06 | 661.06 |
| | | | 02/20/24 | NP | 9.04 | 19.70 | NA | NA | 661.58 | 661.58 |
| | | | 05/07/24 | NP | 8.62 | 19.70 | NA | NA | 662.00 | 662.00 |
| | | | 07/30/24 | NP | 8.29 | 19.70 | NA | NA | 662.33 | 662.33 |
| | | | 11/05/24 | NP | 8.36 | 19.70 | NA | NA | 662.26 | 662.26 |
| | | | 02/11/25 | NP | 9.56 | 19.68 | NA | NA | 661.06 | 661.06 |
| | | | 04/29/25 | NP | 8.72 | 19.70 | NA | NA | 661.90 | 661.90 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| PZ-04 | 671.032 | 16.0-21.0 | 02/22/19 | NP | 10.18 | 19.75 | NA | NA | 660.85 | 660.85 |
| | | | 06/14/19 | NP | 9.26 | 20.73 | NA | NA | 661.77 | 661.77 |
| | | | 09/26/19 | NP | 10.56 | 20.77 | NA | NA | 660.47 | 660.47 |
| | | | 11/04/19 | NP | 12.22 | 19.74[2] | NA | NA | 658.81 | 658.81 |
| | | | 02/05/20 | NP | 10.12 | NM | NA | NA | 660.91 | 660.91 |
| | | | 05/18/20 | NP | 10.67 | 20.64 | NA | NA | 660.36 | 660.36 |
| | | | 08/17/20 | NP | 10.25 | NM | NA | NA | 660.78 | 660.78 |
| | | | 11/20/20 | NP | 10.74 | NM[5] | NA | NA | 660.29 | 660.29 |
| | | | 12/17/20 | NP | 11.54 | 20.74 | NA | NA | 659.49 | 659.49 |
| | | | 02/08/21 | NM | NM | NM | NA | NA | #VALUE! | NM |
| | | | 03/23/21 | NP | 11.3 | NM | NA | NA | 659.73 | 659.73 |
| | | | 05/03/21 | NP | 11.15 | 20.73 | NA | NA | 659.88 | 659.88 |
| | | | 08/17/21 | NP | 10.01 | 20.69 | NA | NA | 661.02 | 661.02 |
| | | | 12/07/21 | NP | 10.09 | 20.70 | NA | NA | 660.94 | 660.94 |
| | | | 02/14/22 | NP | 9.87 | 20.66 | NA | NA | 661.16 | 661.16 |
| | | | 05/12/22 | NP | 9.5 | 20.68 | NA | NA | 661.53 | 661.53 |
| | | | 08/11/22 | NP | 9.91 | 20.68 | NA | NA | 661.12 | 661.12 |
| | | | 11/10/22 | NP | 10.94 | 20.72 | NA | NA | 660.09 | 660.09 |
| | | | 02/21/23 | NP | 11.14 | 20.66 | NA | NA | 659.89 | 659.89 |
| | | | 05/10/23 | NP | 9.98 | 20.65 | NA | NA | 661.05 | 661.05 |
| | | | 08/02/23 | NP | 10.04 | 20.68 | NA | NA | 660.99 | 660.99 |
| | | | 10/31/23 | NP | 10.78 | 20.68 | NA | NA | 660.25 | 660.25 |
| | | | 02/20/24 | NP | 10.39 | 20.69 | NA | NA | 660.64 | 660.64 |
| | | | 05/07/24 | NP | 10 | 20.67 | NA | NA | 661.03 | 661.03 |
| | | | 07/30/24 | NP | 9.46 | 20.68 | NA | NA | 661.57 | 661.57 |
| | | | 11/05/24 | NP | 10.45 | 20.68 | NA | NA | 660.58 | 660.58 |
| | | | 02/11/25 | NP | 11.17 | 20.65 | NA | NA | 659.86 | 659.86 |
| | | | 04/29/25 | NP | 10.58 | 19.45 | NA | NA | 660.45 | 660.45 |
| PZ-05 | 670.92 | 15.0-20.0 | 02/22/19 | NP | 10.6 | 19.63 | NA | NA | 660.32 | 660.32 |
| | | | 06/14/19 | NP | 9.52 | 19.64 | NA | NA | 661.40 | 661.40 |
| | | | 09/26/19 | NP | 10.25 | 19.62 | NA | NA | 660.67 | 660.67 |
| | | | 11/04/19 | NP | 10.42 | 19.63 | NA | NA | 660.50 | 660.50 |
| | | | 02/05/20 | NP | 10.85 | NM | NA | NA | 660.07 | 660.07 |
| | | | 04/01/20 | NP | 11.15 | NM | NA | NA | 659.77 | 659.77 |
| | | | 05/18/20 | NP | 11.03 | 19.63 | NA | NA | 659.89 | 659.89 |
| | | | 08/17/20 | NP | 10.4 | NM | NA | NA | 660.52 | 660.52 |
| | | | 11/20/20 | NP | 10.85 | 19.61[5] | NA | NA | 660.07 | 660.07 |
| | | | 12/17/20 | NP | 11.32 | 19.65 | NA | NA | 659.60 | 659.60 |
| | | | 02/08/21 | NP | 11.57 | 19.63 | NA | NA | 659.35 | 659.35 |
| | | | 03/23/21 | NP | 11.99 | NM | NA | NA | 658.93 | 658.93 |
| | | | 05/03/21 | NP | 11.64 | 19.62 | NA | NA | 659.28 | 659.28 |
| | | | 08/17/21 | NP | 10.21 | 19.61 | NA | NA | 660.71 | 660.71 |
| | | | 12/07/21 | NP | 10.77 | 19.63 | NA | NA | 660.15 | 660.15 |
| | | | 02/14/22 | NP | 10.54 | 19.62 | NA | NA | 660.38 | 660.38 |
| | | | 05/12/22 | NP | 9.72 | 19.58 | NA | NA | 661.20 | 661.20 |
| | | | 08/11/22 | NP | 9.65 | 19.60 | NA | NA | 661.27 | 661.27 |
| | | | 02/21/23 | NP | 11.12 | 19.54 | NA | NA | 659.80 | 659.80 |
| | | | 05/10/23 | NP | 9.86 | 19.48 | NA | NA | 661.06 | 661.06 |
| | | | 08/02/23 | NP | 9.77 | 19.48 | NA | NA | 661.15 | 661.15 |
| | | | 10/31/23 | NP | 10.6 | 19.44 | NA | NA | 660.32 | 660.32 |
| | | | 02/20/24 | NP | 10.34 | 19.41 | NA | NA | 660.58 | 660.58 |
| | | | 05/07/24 | NP | 10.13 | 19.42 | NA | NA | 660.79 | 660.79 |
| | | | 07/30/24 | NP | 9.45 | 19.37 | NA | NA | 661.47 | 661.47 |
| | | | 11/05/24 | NP | 9.63 | 19.37 | NA | NA | 661.29 | 661.29 |
| | | | 02/11/25 | NP | 11.28 | 19.37 | NA | NA | 659.64 | 659.64 |
| | | | 04/29/25 | NP | 10.83 | 19.35 | NA | NA | 660.09 | 660.09 |
| PZ-06 | 671.82 | 16.0-21.0 | 02/22/19 | NP | 10.85 | 20.97 | NA | NA | 660.97 | 660.97 |
| | | | 06/14/19 | NP | 9.37 | 20.98 | NA | NA | 662.45 | 662.45 |
| | | | 09/26/19 | NP | 9.94 | 20.97 | NA | NA | 661.88 | 661.88 |
| | | | 11/04/19 | NP | 9.53 | 20.92 | NA | NA | 662.29 | 662.29 |
| | | | 02/05/20 | NP | 10.06 | NM | NA | NA | 661.76 | 661.76 |
| | | | 04/01/20 | NP | 10 | NM | NA | NA | 661.82 | 661.82 |
| | | | 05/18/20 | NP | 9.64 | 20.98 | NA | NA | 662.18 | 662.18 |
| | | | 08/17/20 | NP | 10.1 | NM | NA | NA | 661.72 | 661.72 |
| | | | 11/20/20 | NP | 10.53 | 20.98[5] | NA | NA | 661.29 | 661.29 |
| | | | 12/17/20 | NP | 10.83 | 21.00 | NA | NA | 660.99 | 660.99 |
| | | | 02/08/21 | NP | 10.98 | 21.00 | NA | NA | 660.84 | 660.84 |
| | | | 03/23/21 | NP | 10.89 | NM | NA | NA | 660.93 | 660.93 |
| | | | 05/03/21 | NP | 10.18 | 21.17 | NA | NA | 661.64 | 661.64 |
| | | | 08/17/21 | NP | 9.03 | 21.03 | NA | NA | 662.79 | 662.79 |
| | | | 12/07/21 | NP | 9.18 | 21.03 | NA | NA | 662.64 | 662.64 |
| | | | 02/14/22 | NP | 9.85 | 21.20 | NA | NA | 661.97 | 661.97 |
| | | | 05/12/22 | NP | 8.49 | 21.15 | NA | NA | 663.33 | 663.33 |
| | | | 08/11/22 | NP | 8.99 | 21.15 | NA | NA | 662.83 | 662.83 |
| | | | 02/21/23 | NP | 10.11 | 21.14 | NA | NA | 661.71 | 661.71 |
| | | | 05/10/23 | NP | 8.73 | 21.13 | NA | NA | 663.09 | 663.09 |
| | | | 08/02/23 | NP | 9.03 | 21.16 | NA | NA | 662.79 | 662.79 |
| | | | 10/31/23 | NP | 9.93 | 21.14 | NA | NA | 661.89 | 661.89 |
| | | | 02/20/24 | NP | 9.02 | 21.12 | NA | NA | 662.80 | 662.80 |
| | | | 05/07/24 | NP | 8.43 | 21.13 | NA | NA | 663.39 | 663.39 |
| | | | 07/30/24 | NP | 8.46 | 21.11 | NA | NA | 663.36 | 663.36 |
| | | | 11/05/24 | NP | 8.56 | 21.11 | NA | NA | 663.26 | 663.26 |
| | | | 02/11/25 | NP | 9.95 | 21.09 | NA | NA | 661.87 | 661.87 |
| | | | 04/29/25 | NP | 8.97 | 21.09 | NA | NA | 662.85 | 662.85 |
| PZ-07 | 670.87 | 15.0-20.0 | 02/22/19 | NP | 9.49 | 19.78 | NA | NA | 661.38 | 661.38 |
| | | | 06/14/19 | NP | 8.41 | 19.79 | NA | NA | 662.46 | 662.46 |
| | | | 09/26/19 | NP | 9.09 | 19.79 | NA | NA | 661.78 | 661.78 |
| | | | 11/04/19 | NP | 8.73 | 19.77 | NA | NA | 662.14 | 662.14 |
| | | | 02/05/20 | NP | 9.11 | NM | NA | NA | 661.76 | 661.76 |
| | | | 04/01/20 | NP | 9.11 | NM | NA | NA | 661.76 | 661.76 |
| | | | 05/18/20 | NP | 8.77 | 19.79 | NA | NA | 662.10 | 662.10 |
| | | | 08/17/20 | NP | 9.22 | NM | NA | NA | 661.65 | 661.65 |
| | | | 11/20/20 | NP | 9.66 | 19.77[5] | NA | NA | 661.21 | 661.21 |
| | | | 12/17/20 | NP | 9.87 | 19.82 | NA | NA | 661.00 | 661.00 |
| | | | 02/08/21 | NP | 10.05 | 19.80 | NA | NA | 660.82 | 660.82 |
| | | | 03/23/21 | NP | 9.97 | NM | NA | NA | 660.90 | 660.90 |
| | | | 05/03/21 | NP | 9.24 | 20.00 | NA | NA | 661.63 | 661.63 |
| | | | 08/17/21 | NP | 8.24 | 19.78 | NA | NA | 662.63 | 662.63 |
| | | | 12/07/21 | NP | 8.16 | 19.70 | NA | NA | 662.71 | 662.71 |
| | | | 02/14/22 | NP | 8.91 | 19.80 | NA | NA | 661.96 | 661.96 |
| | | | 05/12/22 | NP | 7.6 | 18.90 | NA | NA | 663.27 | 663.27 |
| | | | 08/11/22 | NP | 8.1 | 19.72 | NA | NA | 662.77 | 662.77 |
| | | | 02/21/23 | NP | 9.2 | 19.71 | NA | NA | 661.67 | 661.67 |
| | | | 05/10/23 | NP | 7.85 | 19.75 | NA | NA | 663.02 | 663.02 |
| | | | 08/02/23 | NP | 8.16 | 19.78 | NA | NA | 662.71 | 662.71 |
| | | | 10/31/23 | NP | 8.99 | 19.73 | NA | NA | 661.88 | 661.88 |
| | | | 02/20/24 | NP | 8.17 | 19.73 | NA | NA | 662.70 | 662.70 |
| | | | 05/07/24 | NP | 7.57 | 19.73 | NA | NA | 663.30 | 663.30 |
| | | | 07/30/24 | NP | 7.52 | 19.72 | NA | NA | 663.35 | 663.35 |
| | | | 11/05/24 | NP | 7.62 | 19.72 | NA | NA | 663.25 | 663.25 |
| | | | 02/11/25 | NP | 8.9 | 19.71 | NA | NA | 661.97 | 661.97 |
| | | | 04/29/25 | NP | 8.04 | 19.75 | NA | NA | 662.83 | 662.83 |
| PZ-08 | 668.62 | 15.0-20.0 | 02/22/19 | NP | 5.85 | 19.50 | NA | NA | 662.77 | 662.77 |
| | | | 06/14/19 | NP | 5.31 | 19.85 | NA | NA | 663.31 | 663.31 |
| | | | 09/26/19 | NP | 7.01 | 19.88 | NA | NA | 661.61 | 661.61 |
| | | | 11/04/19 | NP | 6.18 | 19.85 | NA | NA | 662.44 | 662.44 |
| | | | 02/05/20 | NP | 5.46 | NM | NA | NA | 663.16 | 663.16 |
| | | | 04/01/20 | NP | 5.42 | NM | NA | NA | 663.20 | 663.20 |
| | | | 05/18/20 | NP | 5.28 | 19.84 | NA | NA | 663.34 | 663.34 |
| | | | 08/17/20 | NP | 6.55 | NM | NA | NA | 662.07 | 662.07 |
| | | | 11/20/20 | NP | 7.23 | 19.85[5] | NA | NA | 661.39 | 661.39 |
| | | | 12/17/20 | NP | 7.2 | 19.88 | NA | NA | 661.42 | 661.42 |
| | | | 02/08/21 | NP | 7.33 | 19.88 | NA | NA | 661.29 | 661.29 |
| | | | 03/23/21 | NP | 7.07 | NM | NA | NA | 661.55 | 661.55 |
| | | | 05/03/21 | NP | 6.75 | 19.88 | NA | NA | 661.87 | 661.87 |
| | | | 08/17/21 | NP | 5.14 | 16.88 | NA | NA | 663.48 | 663.48 |
| | | | 12/07/21 | NP | 5.39 | 19.91 | NA | NA | 663.23 | 663.23 |
| | | | 02/14/22 | NP | 6.25 | 19.94 | NA | NA | 662.37 | 662.37 |
| | | | 05/12/22 | NP | 4.7 | 19.89 | NA | NA | 663.92 | 663.92 |
| | | | 08/11/22 | NP | 5.95 | 19.89 | NA | NA | 662.67 | 662.67 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| PZ-08 | 668.62 | 15.0-20.0 | 02/21/23 | NP | 6.42 | 19.88 | NA | NA | 662.20 | 662.20 |
| | | | 05/10/23 | NP | 5.34 | 19.91 | NA | NA | 663.28 | 663.28 |
| | | | 08/02/23 | NP | 5.92 | 19.91 | NA | NA | 662.70 | 662.70 |
| | | | 10/31/23 | NP | 6.95 | 19.86 | NA | NA | 661.67 | 661.67 |
| | | | 02/20/24 | NP | 5.63 | 19.85 | NA | NA | 662.99 | 662.99 |
| | | | 05/07/24 | NP | 5.15 | 19.85 | NA | NA | 663.47 | 663.47 |
| | | | 07/30/24 | NP | 5.59 | 19.89 | NA | NA | 663.03 | 663.03 |
| | | | 11/05/24 | NP | 5.71 | 19.89 | NA | NA | 662.91 | 662.91 |
| | | | 02/11/25 | NP | 6.9 | 19.85 | NA | NA | 661.72 | 661.72 |
| | | | 04/29/25 | NP | 5.85 | 19.87 | NA | NA | 662.77 | 662.77 |
| PZ-09 | 671.91 | 15.0-20.0 | 03/08/19 | NP | 10.36 | 19.75 | NA | NA | 661.55 | 661.55 |
| | | | 06/14/19 | NP | 9.47 | 19.74 | NA | NA | 662.44 | 662.44 |
| | | | 09/26/19 | NP | 10.02 | 19.76 | NA | NA | 661.89 | 661.89 |
| | | | 11/04/19 | NP | 9.76 | 19.77 | NA | NA | 662.15 | 662.15 |
| | | | 02/05/20 | NP | 10.12 | NM | NA | NA | 661.79 | 661.79 |
| | | | 04/01/20 | NP | 10.15 | NM | NA | NA | 661.76 | 661.76 |
| | | | 05/18/20 | NP | 9.98 | 19.75 | NA | NA | 661.93 | 661.93 |
| | | | 08/17/20 | NP | 10.15 | NM | NA | NA | 661.76 | 661.76 |
| | | | 11/20/20 | NP | 10.45 | 19.73[5] | NA | NA | 661.46 | 661.46 |
| | | | 12/17/20 | NP | 10.52 | 19.73 | NA | NA | 661.39 | 661.39 |
| | | | 02/08/21 | NP | 10.72 | 19.75 | NA | NA | 661.19 | 661.19 |
| | | | 03/23/21 | NP | 10.78 | NM | NA | NA | 661.13 | 661.13 |
| | | | 05/03/21 | NP | 10.42 | 19.75 | NA | NA | 661.49 | 661.49 |
| | | | 08/17/21 | NP | 9.15 | 19.74 | NA | NA | 662.76 | 662.76 |
| | | | 12/07/21 | NP | 9.18 | 19.79 | NA | NA | 662.73 | 662.73 |
| | | | 02/14/22 | NP | 9.72 | 19.78 | NA | NA | 662.19 | 662.19 |
| | | | 05/12/22 | NP | 8.51 | 19.75 | NA | NA | 663.40 | 663.40 |
| | | | 08/11/22 | NP | 8.91 | 19.75 | NA | NA | 663.00 | 663.00 |
| | | | 02/21/23 | NP | 9.78 | 19.73 | NA | NA | 662.13 | 662.13 |
| | | | 05/10/23 | NP | 8.55 | 19.74 | NA | NA | 663.36 | 663.36 |
| | | | 08/02/23 | NP | 8.77 | 19.75 | NA | NA | 663.14 | 663.14 |
| | | | 10/31/23 | NP | 9.43 | 19.73 | NA | NA | 662.48 | 662.48 |
| | | | 02/20/24 | NP | 8.81 | 19.74 | NA | NA | 663.10 | 663.10 |
| | | | 05/07/24 | NP | 8.25 | 19.74 | NA | NA | 663.66 | 663.66 |
| | | | 07/30/24 | NP | 8.05 | 19.75 | NA | NA | 663.86 | 663.86 |
| | | | 11/05/24 | NP | 8.12 | 19.75 | NA | NA | 663.79 | 663.79 |
| | | | 02/11/25 | NP | 9.49 | 19.75 | NA | NA | 662.42 | 662.42 |
| | | | 04/29/25 | NP | 8.5 | 19.74 | NA | NA | 663.41 | 663.41 |
| PZ-10 | 671.42 | 15.0-20.0 | 02/22/19 | NP | 10.39 | 19.76 | NA | NA | 661.03 | 661.03 |
| | | | 06/14/19 | NP | 9.59 | 19.77 | NA | NA | 661.83 | 661.83 |
| | | | 09/26/19 | NP | 10.13 | 19.78 | NA | NA | 661.29 | 661.29 |
| | | | 11/04/19 | NP | 9.93 | 19.77 | NA | NA | 661.49 | 661.49 |
| | | | 02/05/20 | NP | 10.19 | NM | NA | NA | 661.23 | 661.23 |
| | | | 04/01/20 | NP | 9.75 | NM | NA | NA | 661.67 | 661.67 |
| | | | 05/18/20 | NP | 9.95 | 17.71 | NA | NA | 661.47 | 661.47 |
| | | | 08/17/20 | NP | 10 | NM | NA | NA | 661.42 | 661.42 |
| | | | 11/20/20 | NP | 10.26 | 19.76[5] | NA | NA | 661.16 | 661.16 |
| | | | 12/17/20 | NP | 10.37 | 19.78 | NA | NA | 661.05 | 661.05 |
| | | | 02/08/21 | NP | 10.55 | 19.78 | NA | NA | 660.87 | 660.87 |
| | | | 03/23/21 | NP | 10.54 | NM | NA | NA | 660.88 | 660.88 |
| | | | 05/03/21 | NP | 10.28 | 19.78 | NA | NA | 661.14 | 661.14 |
| | | | 08/17/21 | NP | 9.88 | 19.78 | NA | NA | 661.54 | 661.54 |
| | | | 12/07/21 | NP | 9.12 | 19.80 | NA | NA | 662.30 | 662.30 |
| | | | 02/14/22 | NP | 9.45 | 19.80 | NA | NA | 661.97 | 661.97 |
| | | | 05/12/22 | NP | 8.26 | 19.79 | NA | NA | 663.16 | 663.16 |
| | | | 08/11/22 | NP | 8.66 | 19.77 | NA | NA | 662.76 | 662.76 |
| | | | 02/21/23 | NP | 9.56 | 19.76 | NA | NA | 661.86 | 661.86 |
| | | | 05/10/23 | NP | 8.32 | 19.79 | NA | NA | 663.10 | 663.10 |
| | | | 08/02/23 | NP | 8.49 | 19.75 | NA | NA | 662.93 | 662.93 |
| | | | 10/31/23 | NP | 9.16 | 19.74 | NA | NA | 662.26 | 662.26 |
| | | | 02/20/24 | NP | 8.63 | 19.78 | NA | NA | 662.79 | 662.79 |
| | | | 05/07/24 | NP | 8.04 | 19.77 | NA | NA | 663.38 | 663.38 |
| | | | 07/30/24 | NP | 7.82 | 19.77 | NA | NA | 663.60 | 663.60 |
| | | | 11/05/24 | NP | 7.95 | 19.77 | NA | NA | 663.47 | 663.47 |
| | | | 02/11/25 | NP | 9.22 | 19.75 | NA | NA | 662.20 | 662.20 |
| | | | 04/29/25 | NP | 8.04 | 19.74 | NA | NA | 663.38 | 663.38 |
| PZ-11 | 671.06 | 15.0-20.0 | 02/22/19 | NP | 10.72 | 19.83 | NA | NA | 660.34 | 660.34 |
| | | | 06/14/19 | NP | 9.52 | 19.83 | NA | NA | 661.54 | 661.54 |
| | | | 09/26/19 | NP | 10.38 | 19.83 | NA | NA | 660.68 | 660.68 |
| | | | 11/04/19 | NP | 10.4 | 19.82 | NA | NA | 660.66 | 660.66 |
| | | | 02/05/20 | NP | 10.83 | NM | NA | NA | 660.23 | 660.23 |
| | | | 04/01/20 | NP | 10.52 | NM | NA | NA | 660.54 | 660.54 |
| | | | 05/18/20 | NP | 10.64 | 19.83 | NA | NA | 660.42 | 660.42 |
| | | | 08/17/20 | NP | 10.44 | NM | NA | NA | 660.62 | 660.62 |
| | | | 11/20/20 | NP | 10.71 | 19.84[5] | NA | NA | 660.35 | 660.35 |
| | | | 12/17/20 | NP | 10.9 | 19.85 | NA | NA | 660.16 | 660.16 |
| | | | 02/08/21 | NP | 11.15 | 19.83 | NA | NA | 659.91 | 659.91 |
| | | | 03/23/21 | NP | 11.29 | NM | NA | NA | 659.77 | 659.77 |
| | | | 05/03/21 | NP | 11 | 19.85 | NA | NA | 660.06 | 660.06 |
| | | | 08/17/21 | NP | 9.78 | 19.85 | NA | NA | 661.28 | 661.28 |
| | | | 12/07/21 | NP | 9.74 | 19.87 | NA | NA | 661.32 | 661.32 |
| PZ-11 | 671.06 | 15.0-20.0 | 02/14/22 | NP | 9.82 | 19.85 | NA | NA | 661.24 | 661.24 |
| | | | 05/12/22 | NP | 8.93 | 19.81 | NA | NA | 662.13 | 662.13 |
| | | | 08/11/22 | NP | 9.13 | 19.85 | NA | NA | 661.93 | 661.93 |
| | | | 02/21/23 | NP | 10.12 | 19.82 | NA | NA | 660.94 | 660.94 |
| | | | 05/10/23 | NP | 8.98 | 19.85 | NA | NA | 662.08 | 662.08 |
| | | | 08/02/23 | NP | 8.95 | 19.85 | NA | NA | 662.11 | 662.11 |
| | | | 10/31/23 | NP | 9.65 | 19.82 | NA | NA | 661.41 | 661.41 |
| | | | 02/20/24 | NP | 9.38 | 19.84 | NA | NA | 661.68 | 661.68 |
| | | | 05/07/24 | NP | 8.89 | 19.83 | NA | NA | 662.17 | 662.17 |
| | | | 07/30/24 | NP | 8.35 | 19.83 | NA | NA | 662.71 | 662.71 |
| | | | 11/05/24 | NP | 8.48 | 19.83 | NA | NA | 662.58 | 662.58 |
| | | | 02/11/25 | NP | 9.89 | 19.82 | NA | NA | 661.17 | 661.17 |
| | | | 04/29/25 | NP | 8.9 | 19.83 | NA | NA | 662.16 | 662.16 |
| PZ-12 | 671.29 | 15.0-20.0 | 02/22/19 | NP | 11.74 | 19.65 | NA | NA | 659.55 | 659.55 |
| | | | 06/14/19 | NP | 10.63 | 19.62 | NA | NA | 660.66 | 660.66 |
| | | | 09/26/19 | NP | 11.2 | 19.62 | NA | NA | 660.09 | 660.09 |
| | | | 11/04/19 | NP | 11.89 | 19.63 | NA | NA | 659.40 | 659.40 |
| | | | 02/05/20 | NP | 12.53 | NM | NA | NA | 658.76 | 658.76 |
| | | | 04/01/20 | NP | 12.01 | NM | NA | NA | 659.28 | 659.28 |
| | | | 05/18/20 | NP | 12.88 | 19.64 | NA | NA | 658.41 | 658.41 |
| | | | 08/17/20 | NP | 11.49 | NM | NA | NA | 659.80 | 659.80 |
| | | | 11/20/20 | NP | 11.97 | 19.56[5] | NA | NA | 659.32 | 659.32 |
| | | | 12/17/20 | NP | 12.86 | 19.66 | NA | NA | 658.43 | 658.43 |
| | | | 02/08/21 | NP | 12.76 | 19.60 | NA | NA | 658.53 | 658.53 |
| | | | 03/23/21 | NP | 13.76 | NM | NA | NA | 657.53 | 657.53 |
| | | | 05/03/21 | NP | 13.1 | 19.65 | NA | NA | 658.19 | 658.19 |
| | | | 08/17/21 | NP | 11.5 | 19.63 | NA | NA | 659.79 | 659.79 |
| | | | 12/07/21 | NP | 12.2 | 19.63 | NA | NA | 659.09 | 659.09 |
| | | | 02/14/22 | NP | 11.49 | 19.64 | NA | NA | 659.80 | 659.80 |
| | | | 05/12/22 | NP | 10.8 | 19.64 | NA | NA | 660.49 | 660.49 |
| | | | 08/11/22 | NP | 10.6 | 19.63 | NA | NA | 660.69 | 660.69 |
| | | | 02/21/23 | NP | 11.81 | 19.62 | NA | NA | 659.48 | 659.48 |
| | | | 05/10/23 | NP | 10.73 | 19.66 | NA | NA | 660.56 | 660.56 |
| | | | 08/02/23 | NP | 10.58 | 19.64 | NA | NA | 660.71 | 660.71 |
| | | | 10/31/23 | NP | 11.31 | 19.62 | NA | NA | 659.98 | 659.98 |
| | | | 02/20/24 | NP | 11.13 | 19.65 | NA | NA | 660.16 | 660.16 |
| | | | 05/07/24 | NP | 11.2 | 19.62 | NA | NA | 660.09 | 660.09 |
| | | | 07/30/24 | NP | 10.07 | 19.62 | NA | NA | 661.22 | 661.22 |
| | | | 11/05/24 | NP | 10.16 | 19.62 | NA | NA | 661.13 | 661.13 |
| | | | 02/11/25 | NP | 11.75 | 19.64 | NA | NA | 659.54 | 659.54 |
| | | | 04/29/25 | NP | 11.27 | 19.68 | NA | NA | 660.02 | 660.02 |

**See Notes on Last Page.**

Table 3
Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

| Well ID | TOC Elevation (ft amsl) | Screen Interval (ft bgs) | Gauging Date | Depth to LNAPL (ft btoc) | Depth to Water (ft btoc) | Total Depth (ft btoc) | LNAPL Elevation (ft amsl) | LNAPL Thickness (ft) | Groundwater Elevation (ft amsl) | Corrected Groundwater Elevation (ft amsl) |
|---|---|---|---|---|---|---|---|---|---|---|
| PZ-13 | 671.21 | 15.0-20.0 | 02/22/19 | NP | 10.46 | 18.77 | NA | NA | 660.75 | 660.75 |
| | | | 06/14/19 | NP | 9.6 | 19.73 | NA | NA | 661.61 | 661.61 |
| | | | 09/26/19 | NP | 10.21 | 18.76 | NA | NA | 661.00 | 661.00 |
| | | | 11/04/19 | NP | 10.02 | 18.74 | NA | NA | 661.19 | 661.19 |
| | | | 02/05/20 | NP | 10.34 | NM | NA | NA | 660.87 | 660.87 |
| | | | 04/01/20 | NP | 9.76 | NM | NA | NA | 661.45 | 661.45 |
| | | | 05/18/20 | NP | 10.06 | 18.72 | NA | NA | 661.15 | 661.15 |
| | | | 08/17/20 | NP | 10.06 | NM | NA | NA | 661.15 | 661.15 |
| | | | 11/20/20 | NP | 10.31 | 18.72[5] | NA | NA | 660.90 | 660.90 |
| | | | 12/17/20 | NP | 10.49 | 18.77 | NA | NA | 660.72 | 660.72 |
| | | | 02/08/21 | NP | 10.65 | 18.78 | NA | NA | 660.56 | 660.56 |
| | | | 03/23/21 | NP | 10.67 | NM | NA | NA | 660.54 | 660.54 |
| | | | 05/03/21 | NP | 10.38 | 18.75 | NA | NA | 660.83 | 660.83 |
| | | | 08/17/21 | NP | 9.25 | 18.76 | NA | NA | 661.96 | 661.96 |
| | | | 12/07/21 | NP | 9.18 | 18.76 | NA | NA | 662.03 | 662.03 |
| | | | 02/14/22 | NP | 9.44 | 18.75 | NA | NA | 661.77 | 661.77 |
| PZ-13 | 671.21 | 15.0-20.0 | 05/12/22 | NP | 8.32 | 18.76 | NA | NA | 662.89 | 662.89 |
| | | | 08/11/22 | NP | 8.62 | 18.75 | NA | NA | 662.59 | 662.59 |
| | | | 02/21/23 | NP | 9.53 | 18.75 | NA | NA | 661.68 | 661.68 |
| | | | 05/10/23 | NP | 8.3 | 18.74 | NA | NA | 662.91 | 662.91 |
| | | | 08/02/23 | NP | 8.35 | 18.77 | NA | NA | 662.86 | 662.86 |
| | | | 10/31/23 | NP | 9.08 | 18.75 | NA | NA | 662.13 | 662.13 |
| | | | 02/20/24 | NP | 8.65 | 18.73 | NA | NA | 662.56 | 662.56 |
| | | | 05/07/24 | NP | 8.06 | 18.74 | NA | NA | 663.15 | 663.15 |
| | | | 07/30/24 | NP | 7.75 | 18.74 | NA | NA | 663.46 | 663.46 |
| | | | 11/05/24 | NP | 7.82 | 18.74 | NA | NA | 663.39 | 663.39 |
| | | | 02/11/25 | NP | 9.23 | 18.72 | NA | NA | 661.98 | 661.98 |
| | | | 04/29/25 | NP | 8 | 18.76 | NA | NA | 663.21 | 663.21 |
| PZ-14 | 670.26 | 13.0-18.0 | 06/14/19 | NP | 6.45 | 17.84 | NA | NA | 663.81 | 663.81 |
| | | | 09/26/19 | NP | 7.81 | 17.84 | NA | NA | 662.45 | 662.45 |
| | | | 11/04/19 | NP | 7.16 | 17.84 | NA | NA | 663.10 | 663.10 |
| | | | 02/05/20 | NP | 6.6 | NM | NA | NA | 663.66 | 663.66 |
| | | | 05/18/20 | NP | 6.4 | 17.85 | NA | NA | 663.86 | 663.86 |
| | | | 08/17/20 | NP | 7.57 | NM | NA | NA | 662.69 | 662.69 |
| | | | 11/20/20 | NP | 8.15 | 17.84[5] | NA | NA | 662.11 | 662.11 |
| | | | 12/17/20 | NP | 8.22 | 17.86 | NA | NA | 662.04 | 662.04 |
| | | | 02/08/21 | NP | 8.29 | 17.83 | NA | NA | 661.97 | 661.97 |
| | | | 03/23/21 | NP | 8.12 | NM | NA | NA | 662.14 | 662.14 |
| | | | 05/03/21 | NP | 7.75 | 17.85 | NA | NA | 662.51 | 662.51 |
| | | | 08/17/21 | NP | 6.13 | 17.84 | NA | NA | 664.13 | 664.13 |
| | | | 12/07/21 | NP | 6.43 | 17.86 | NA | NA | 663.83 | 663.83 |
| | | | 02/14/22 | NP | 7.12 | 17.89 | NA | NA | 663.14 | 663.14 |
| | | | 05/12/22 | NP | 5.65 | 17.85 | NA | NA | 664.61 | 664.61 |
| | | | 08/11/22 | NP | 6.17 | 17.85 | NA | NA | 664.09 | 664.09 |
| | | | 02/21/23 | NP | 7.35 | 17.81 | NA | NA | 662.91 | 662.91 |
| | | | 05/10/23 | NP | 6.19 | 17.32 | NA | NA | 664.07 | 664.07 |
| | | | 08/02/23 | NP | 6.66 | 17.37 | NA | NA | 663.60 | 663.60 |
| | | | 10/31/23 | NP | 7.71 | 17.38 | NA | NA | 662.55 | 662.55 |
| | | | 02/20/24 | NP | 6.37 | 17.32 | NA | NA | 663.89 | 663.89 |
| | | | 05/07/24 | NP | 5.91 | 17.32 | NA | NA | 664.35 | 664.35 |
| | | | 07/30/24 | NP | 6.25 | 17.34 | NA | NA | 664.01 | 664.01 |
| | | | 11/05/24 | NP | 6.39 | 17.34 | NA | NA | 663.87 | 663.87 |
| | | | 02/11/25 | NP | 7.66 | 17.33 | NA | NA | 662.60 | 662.60 |
| | | | 04/29/25 | NP | 6.62 | 17.34 | NA | NA | 663.64 | 663.64 |
| PZ-15 | 669.28 | 13.0-18.0 | 06/14/19 | NP | 5.56 | 17.32 | NA | NA | 663.72 | 663.72 |
| | | | 09/26/19 | NP | 7.34 | 17.28 | NA | NA | 661.94 | 661.94 |
| | | | 11/04/19 | NP | 6.41 | 17.24 | NA | NA | 662.87 | 662.87 |
| | | | 02/05/20 | NP | 5.73 | NM | NA | NA | 663.55 | 663.55 |
| | | | 04/01/20 | NP | 5.54 | NM | NA | NA | 663.74 | 663.74 |
| | | | 05/18/20 | NP | 5.46 | 17.27 | NA | NA | 663.82 | 663.82 |
| | | | 08/17/20 | NP | 6.75 | NM | NA | NA | 662.53 | 662.53 |
| | | | 11/20/20 | NP | 7.51 | 17.25[5] | NA | NA | 661.77 | 661.77 |
| | | | 12/17/20 | NP | 7.37 | 17.27 | NA | NA | 661.91 | 661.91 |
| | | | 02/08/21 | NP | 7.55 | 17.27 | NA | NA | 661.73 | 661.73 |
| | | | 03/23/21 | NP | 7.26 | NM | NA | NA | 662.02 | 662.02 |
| | | | 05/03/21 | NP | 7.13 | 17.48 | NA | NA | 662.15 | 662.15 |
| | | | 08/17/21 | NP | 5.33 | 17.28 | NA | NA | 663.95 | 663.95 |
| | | | 12/07/21 | NP | 5.69 | 17.30 | NA | NA | 663.59 | 663.59 |
| | | | 02/14/22 | NP | 6.68 | 17.47 | NA | NA | 662.60 | 662.60 |
| | | | 05/12/22 | NP | 5.09 | 14.44 | NA | NA | 664.19 | 664.19 |
| | | | 08/11/22 | NP | 6.43 | 17.42 | NA | NA | 662.85 | 662.85 |
| | | | 02/21/23 | NP | 6.8 | 17.44 | NA | NA | 662.48 | 662.48 |
| | | | 05/10/23 | NP | 5.78 | 17.45 | NA | NA | 663.50 | 663.50 |
| | | | 08/02/23 | NP | 6.46 | 17.48 | NA | NA | 662.82 | 662.82 |
| | | | 10/31/23 | NP | 7.45 | 17.45 | NA | NA | 661.83 | 661.83 |
| | | | 02/20/24 | NP | 5.94 | 17.60 | NA | NA | 663.34 | 663.34 |
| | | | 05/07/24 | NP | 5.57 | 17.41 | NA | NA | 663.71 | 663.71 |
| | | | 07/30/24 | NP | 5.97 | 17.43 | NA | NA | 663.31 | 663.31 |
| | | | 11/05/24 | NP | 6.07 | 17.43 | NA | NA | 663.21 | 663.21 |
| | | | 02/11/25 | NP | 7.33 | 17.43 | NA | NA | 661.95 | 661.95 |
| | | | 04/29/25 | NP | 6.26 | 17.43 | NA | NA | 663.02 | 663.02 |

**See Notes on Last Page.**

**Table 3**
**Groundwater Elevations**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

**Notes:**

Water level measurements collected from top of well ca 1/7/2016

Table includes data collected from onsite and right-of-way monitoring wells within the area of concern only.

Nested monitoring wells MW-226 through MW-233 were only included in the gauging plan until analytical data had been collected for four quarters at each location.

(1) MW-81 and MW-83 were re-surveyed on November 20, 2017 by Geodetic Designs Inc. MW-135S and MW-137S were re-surveyed after repairs on November 12, 2019.

(2) Monitoring well total depth incorrect due to field measurement error. Confirmed during sampling of the monitoring well.

(3) Monitoring well total depth not measured. Measurement shown is based on the recorded well screen depth from the well construction log.

(4) Monitoring well not measured during the second quarter of 2020.

(5) Monitoring well total depth listed only for wells collected during fourth-quarter site-wide gauging date. Refer to fourth-quarter 2020 Groundwater Sampling Log for any wells with 'NM' listed.

**Abbreviations:**

| | |
|---|---|
| ft | feet |
| ft amsl | feet above mean sea level |
| ft bgs | feet below ground surface |
| ft btoc | feet below top of casing |
| ID | Identification |
| LNAPL | light non-aqueous phase liquid |
| NA | not applicable |
| NM | not measured |
| NP | no product detected |
| NS | not surveyed |
| TOC | top of casing |

**Table 4**
**Soil Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Location: | Unit | Part 201 Residential DW Protection Criteria[1] | Part 201 GSI Protection Criteria[2] | EGLE Residential Soil SSVIAC[3] | EGLE Residential Soil Generic VIAC[4] | EGLE Residential Infinite Source Volatile Soil Inhalation [5] | EGLE Residential Particulate Soil Inhalation [6] | MW-30 | MW-31 | MW-32 | MW-33 | MW-34 | MW-35 | MW-46 | MW-47 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Screen Interval (ft bgs): | | | | | | | | 7-9 | 9-11 | 8-9 | 7-9 | 7-9 | 6-7 | 8-10 | 2-4 |
| Sample Date: | | | | | | | | 4/9/2015 | 4/9/2015 | 4/10/2015 | 4/10/2015 | 4/16/2015 | 4/16/2015 | 6/2/2015 | 6/3/2015 |
| **Parameter** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | µg/kg | 1,500 | ID | -- | 100 (M); 3.2 ca | 15,480 | 180,600,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,1,1-Trichloroethane | µg/kg | 4,000 | 1800 | -- | 450 (EE) st | 1,634,000 | 28,810,000,000 | < 50.5 | < 56.9 | < 63.4 | < 55.1 | < 62.4 | < 64.5 | < 50.0 | < 50.0 |
| 1,1,2,2-Tetrachloroethane | µg/kg | 170 | 1,600 (X) | -- | 50 (M); 2.7 ca | 4,300 | 23,220,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,1,2-Trichloroethane | µg/kg | 100 | 6,600 (X) | -- | 50 (M); 0.37 nc | 7,310 | 81,700,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,1-Dichloroethane | µg/kg | 18,000 | 15,000 | -- | 50 (M); 2.6 ca | 903,000 | 14,190,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,1-Dichloroethene | µg/kg | 140 | 2,600 | 50 (M); 12 nc | 50 (M); 12 nc | 473 | 26,660,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,1-Dichloropropene | µg/kg | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,2,3-Trichloropropane | µg/kg | 840 | NA | -- | 100 (M); 2.6 nc | 3,956 | 8,600,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,2,3-Trimethylbenzene | µg/kg | -- | -- | -- | 270 (JT) nc | -- | -- | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,2,4-Trichlorobenzene | µg/kg | 4,200 | 5,900 (X) | -- | 250 (M); 53 nc | 12,040,000 | 10,750,000,000 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| 1,2,4-Trimethylbenzene | µg/kg | 2,100 | 570 | -- | 150 (JT) nc | 9,030,000 | 35,260,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,2-Dibromo-3-chloropropane | µg/kg | 10 (M); 4.0 | ID | -- | DATA | 112 | 240,800 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| 1,2-Dibromoethane | µg/kg | 20 (M); 1.0 | 110 (X) | -- | 20 (M); 0.074 ca | 731 | 6,020,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,2-Dichlorobenzene | µg/kg | 14,000 | 280 | -- | 1,500 nc | 16,770,000 | 43,000,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,2-Dichloroethane | µg/kg | 100 | 7,200 (X) | -- | 50 (M); 0.82 ca | 2,666 | 51,600,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,2-Dichloropropane | µg/kg | 100 | 4,600 (X) | -- | 50 (M); 2.1 nc | 10,750 | 116,100,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,3,5-Trimethylbenzene | µg/kg | 1,800 | 1,100 | -- | 100 (JT) nc | 6,880,000 | 35,260,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,3-Dichlorobenzene | µg/kg | 170 | 680 | -- | 100 (M); 10 nc | 33,970 | 86,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,3-Dichloropropane | µg/kg | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 1,4-Dichlorobenzene | µg/kg | 1,700 | 360 | -- | 100 (M); 23 ca | 33,110 | 193,500,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 2,2-Dichloropropane | µg/kg | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 2-Butanone | µg/kg | 260,000 | 44,000 | -- | 31,000 (DD) dev | 12,470,000 | 28,810,000,000 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| 2-Chloroethyl Vinyl Ether | µg/kg | ID | NA | -- | TX | ID | ID | -- | -- | -- | -- | -- | -- | < 250 | -- |
| 2-Chlorotoluene | µg/kg | 3,300 | ID | -- | 200 nc | 516,000 | 2,021,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 2-Hexanone | µg/kg | 20,000 | ID | -- | 2,500 (M); 210 nc | 473,000 | 1,161,000,000 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| 4-Chlorotoluene | µg/kg | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| 4-Methyl-2-pentanone | µg/kg | 36,000 | ID | -- | 3,300 (EE) st | 19,350,000 | 60,200,000,000 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| Acetone | µg/kg | 15,000 | 34,000 | -- | 260,000 (EE) st | 55,900,000 | 167,700,000,000 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| Acrolein | µg/kg | 2,400 | NA | -- | 250 (M); 0.046 nc | 133 | 559,000 | -- | -- | -- | -- | -- | -- | < 2,500 | -- |
| Acrylonitrile | µg/kg | 100 (M); 52 | 100 (M); 40 | -- | 100 (M); 1.2 ca | 2,150 | 19,780,000 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| Benzene | µg/kg | 100 | 4,000 (X) | -- | 50 (M); 1.7 ca | 5,590 | 163,400,000 | -- | -- | -- | -- | -- | -- | < 20.0 | -- |
| Bromobenzene | µg/kg | 550 | NA | -- | 160 nc | 193,500 | 227,900,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Bromochloromethane | µg/kg | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Bromodichloromethane | µg/kg | 1,600 (W) | ID | -- | 100 (M); 0.61 ca | 3,913 | 36,120,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Bromoform | µg/kg | 1,600 (W) | ID | -- | 100 (M); 45 ca | 387,000 | 1,204,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Bromomethane | µg/kg | 200 | 100 | -- | 200 (M); 0.90 nc | 4,730 | 141,900,000 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| Carbon Disulfide | µg/kg | 16,000 | ID | -- | 250 (M); 52 nc | 559,000 | 20,210,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Carbon Tetrachloride | µg/kg | 100 | 760 (X) | -- | 50 (M); 0.31 ca | 1,505 | 55,900,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Chlorobenzene | µg/kg | 2,000 | 500 | -- | 82 nc | 331,100 | 2,021,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |

**Table 4**
**Soil Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Location: | Unit | Part 201 Residential DW Protection Criteria[1] | Part 201 GSI Protection Criteria[2] | EGLE Residential Soil SSVIAC[3] | EGLE Residential Soil Generic VIAC[4] | EGLE Residential Infinite Source Volatile Soil Inhalation [5] | EGLE Residential Particulate Soil Inhalation [6] | MW-30 | MW-31 | MW-32 | MW-33 | MW-34 | MW-35 | MW-46 | MW-47 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Screen Interval (ft bgs): | | | | | | | | 7-9 | 9-11 | 8-9 | 7-9 | 7-9 | 6-7 | 8-10 | 2-4 |
| Sample Date: | | | | | | | | 4/9/2015 | 4/9/2015 | 4/10/2015 | 4/10/2015 | 4/16/2015 | 4/16/2015 | 6/2/2015 | 6/3/2015 |
| Chloroethane | µg/kg | 8,600 | 22,000 (X) | -- | 330 nc | 12,900,000 | 288,100,000,000 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| Chloroform | µg/kg | 1,600 (W) | 7,000 | -- | 50 (M); 0.26 ca | 19,350 | 559,000,000 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| Chloromethane | µg/kg | 5,200 | ID | -- | 250 (M); 6.9 nc | 17,200 | 2,107,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| cis-1,2-Dichloroethene | µg/kg | 1,400 | 12,000 | 50 (M); 2.1 nc | 50 (M); 2.1 nc | 77,400 | 989,000,000 | < 50.5 | < 56.9 | < 63.4 | < 55.1 | < 62.4 | < 64.5 | < 50.0 | < 50.0 |
| cis-1,3-Dichloropropene | µg/kg | 170 | 180 (X) | -- | 100 (M); 3.1 (J) ca | 7,740 | 335,400,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Cymene | µg/kg | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Dibromochloromethane | µg/kg | 1,600 (W) | ID | -- | 100 (M); 0.40 (MM) mut | 10,320 | 55,900,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Dibromomethane | µg/kg | 1,600 | NA | -- | 250 (M); 3.5 nc | ID | ID | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Dichlorodifluoromethane | µg/kg | 95,000 | ID | -- | 250 (M); 12 nc | 22,790,000 | 1,419,000,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Diethyl Ether | µg/kg | 200 | ID | -- | 350 nc | 36,550,000 | 344,000,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Ethylbenzene | µg/kg | 1,500 | 360 | -- | 50 (M); 12 ca | 309,600 | 4,300,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Freon 113 | µg/kg | 9.0E+6 (C) | 1,700 | -- | 860 nc | 77,400,000 | 2,193,000,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Iodomethane | µg/kg | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 250 | -- |
| Isopropylbenzene | µg/kg | 91,000 | 3,200 | -- | 250 (M); 3.8 ca | 731,000 | 2,494,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| m,p-Xylenes | µg/kg | 5,600 | 980 | -- | 280 (J) nc | 19,780,000 | 124,700,000,000 | < 101 | < 114 | < 127 | < 110 | < 125 | < 129 | < 100 | < 100 |
| Methyl tert-Butyl Ether | µg/kg | 800 | 1.4E+5 (X) | -- | 250 (M); 74 ca | 10,750,000 | 86,000,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Methylene Chloride | µg/kg | 100 | 30,000 (X) | -- | 130 nc | 90,300 | 2,838,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Naphthalene | µg/kg | 35,000 | 730 | -- | 330 (M); 67 ca | 129,000 | 86,000,000 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| n-Butylbenzene | µg/kg | 1,600 | ID | -- | 550 nc | ID | 860,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| n-Propylbenzene | µg/kg | 1,600 | ID | -- | 1,800 (DD) dev | ID | 559,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| o-Xylene | µg/kg | 5,600 | 980 | -- | 280 (J) nc | 19,780,000 | 124,700,000,000 | < 50.5 | < 56.9 | < 63.4 | < 55.1 | < 62.4 | < 64.5 | < 50.0 | < 50.0 |
| sec-Butylbenzene | µg/kg | 1,600 | ID | -- | 3,800 nc | ID | 172,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Styrene | µg/kg | 2,700 | 2,100 (X) | -- | 150 ca | 417,100 | 2,365,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| tert-Butylbenzene | µg/kg | 1,600 | ID | -- | 50 (M); 0.64 nc | ID | 288,100,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Tetrachloroethene | µg/kg | 100 | 1,200 (X) | 50 (M); 6.2 (SE) st | 50 (M); 6.2 (EE) st | 73,100 | 1,161,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Tetrahydrofuran | µg/kg | 1,900 | 2.2E+5 (X) | -- | 13,000 nc | 5,590,000 | 167,700,000,000 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| Toluene | µg/kg | 16,000 | 5,400 | -- | 3,700 nc | 1,204,000 | 11,610,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| trans-1,2-Dichloroethene | µg/kg | 2,000 | 30,000 (X) | 50 (M); 12 nc | 50 (M); 12 nc | 120,400 | 2,021,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| trans-1,3-Dichloropropene | µg/kg | 170 | 180 (X) | -- | 100 (M); 3.1 (J) ca | 7,740 | 335,400,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| trans-1,4-Dichloro-2-butene | µg/kg | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 250 | -- |
| Trichloroethene | µg/kg | 100 | 4,000 (X) | 50 (M); 0.33 (DD) dev | 50 (M); 0.33 (DD) dev | 4,730 | 55,900,000 | < 50.5 | < 56.9 | < 63.4 | < 55.1 | < 62.4 | < 64.5 | < 50.0 | < 50.0 |
| Trichlorofluoromethane | µg/kg | 52,000 | NA | -- | 100 (M); 19 nc | 39,560,000 | 1,634,000,000,000 | -- | -- | -- | -- | -- | -- | < 50.0 | -- |
| Vinyl Acetate | µg/kg | 13,000 | NA | -- | 5,000 (M); 160 nc | 731,000 | 5,590,000,000 | -- | -- | -- | -- | -- | -- | < 250 | -- |
| Vinyl Chloride | µg/kg | 40 | 260 (X) | 40 (M); 0.082 mut | 40 (M); 0.082 (MM) mut | 1,806 | 150,500,000 | < 50.5 | < 56.9 | < 63.4 | < 55.1 | < 62.4 | < 64.5 | < 50.0 | < 50.0 |
| Xylenes, Total | µg/kg | 5,600 | 980 | -- | 280 (J) nc | 19,780,000 | 124,700,000,000 | < 151 | < 171 | < 190 | < 165 | < 187 | < 193 | < 150 | < 150 |
| | | | | | | | | | | | | | | | |
| Moisture, Percent | % | -- | -- | -- | -- | -- | -- | 11.6 | 6.4 | 11.8 | 4.9 | 11 | 12.6 | -- | -- |

**Table 4**
**Soil Analytical Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

Notes:
Analytical results were originally reported in the "Summary of Subsurface Investigations (3rd QTR. 2014- 3rd QTR 2015)" report prepared by Golder Associates Inc. (October 2015).
< Analyte was not detected above the laboratory reporting limit.
All concentrations are listed in units of micrograms per kilogram (µg/kg).
For the VIAP, results are compared to Site-Specific VIAC (October 30, 2018), and the February 2024 EGLE generic Residential VIAP Screening Levels for Soil, if site-specific VIAC were not available.
(1) Michigan Part 201 Soil Residential Drinking Water Protection Criteria
(2) Michigan Part 201 Groundwater Surface Water Interface Protection Criteria
(3) Michigan EGLE Site-SpecificVolatilization to Indoor Air Inhalation Criteria (SSVIAC) for Soil (October 2018)
(4) Michigan EGLE Generic Residential Soil Volatilization to Indoor Air Inhalation Criteria (2024)
(5) Michigan Part 201 Soil Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC), adjusted for a 100-acre source area using a modifer of 0.43
(6) Michigan Part 201 Soil Residential Particulate Soil Inhalation Criteria (PSIC), adjusted for a 100-acre source area using a modifer of 0.43

Abbreviations and Data Qualifiers:
EGLE Michigan Department of Environment, Great Lakes, and Energy
ft bgs feet below ground surface
GSI Groundwater-Surface Water Interface
ID Insufficient data to develop criterion
J (data) estimated result
µg/kg micrograms per kilogram
MW monitoring well
NA not analyzed/not available
VIAC Volatilization to Indoor Air Criteria
VIAP Volatilization to Indoor Air Pathway
-- parameter not analyzed or criteria not defined

Footnotes:
C The criterion developed under R 299.20 to R299,26 exceeds the chemical-specific soil saturation screening level ($C_{sat}$).
J Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
M Site-specific criterion is below target detection limits (TDL). In accordance with Sec. 20120a(10) when the TDL for a hazardous substance is greater than the developed cleanup criterion, the criterion is the TDL. TDL is shown, followed by "(M)" and the risk-based criterion.
T Refer to the federal Toxic Substances Control Act (TSCA), 40 C.F.R. 761, Subpart D and 40 C.F.R. 761, Subpart G, to determine the applicability of TSCA cleanup standards.
W Concentrations of trihalomethanes in soil shall be added together to determine compliance with the drinking water protection criterion of 1,600 µg/kg.
X The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source.
DD Hazardous substance causes developmental effects. Residential direct contact criteria are protective of both prenatal and postnatal exposure. Nonresidential direct contact criteria are protective for a pregnant adult receptor.
EE Phosphorus, total dissolved solids (TDS), and dissolved oxygen (DO) are applicable generic GSI criteria as required by Section 20120e of the NREPA. Refer to EGLE Generic Cleanup criteria footnotes for these criteria.
MM Hazardous substance is a carcinogen with a mutagenic mode of action. The cancer potency values used in calculating VIAP screening levels are modified using age-dependent adjustment factors for those carcinogenic chemicals identified as
SE Site-specific criteria based on single event exposure; therefore, sampling methods should reflect shorter exposure scenarios.
DATA Insufficient data to develop a criterion.
mut Mutagenic cancer
ca Carcinogenetic
dev Developmental
nc Non-Carcinogenetic
st Short-term (i.e., less than chronic exposure): Agency for Toxic Substances and Disease Registry Inhalation Minimum Risk Level for Acute Inhalation or Intermediate Inhalation exposure durations; U.S. Environmental Protection Agency Integrated Risk Information System Reference Concentration for short-term exposure; or Air Quality Division Acute Initial Threshold Screening Level

**Table 5**
**Soil Vapor Monitoring Point Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte: | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl Chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Unit: | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ |
| | | | Residential VIAC | 7,000 | 170 | 280 | 1,400 | 2,800 | 67 | 54 |
| Location: | Address: | Sample Depth (ft bgs): | Sample Date: | | | | | | | |
| SVMP-01S | 34965 Standish ROW | 3.5 | 6/8/2017 | NA | NA | NA | NA | NA | < 6.2 | < 3.0 |
| SVMP-01S | 34965 Standish ROW | 3.5 | 9/20/2017 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.8 | < 3.2 |
| SVMP-01S | 34965 Standish ROW | 3.5 | 11/17/2017 | < 4.2 | < 15 | < 4.2 | < 7.1 | < 4.2 | < 5.6 | < 2.7 |
| SVMP-01S | 34965 Standish ROW | 3.5 | 2/19/2018 | < 4.6 | < 16 | < 4.6 | < 7.8 | < 4.6 | < 6.2 | < 2.9 |
| SVMP-01S | 34965 Standish ROW | 3.5 | 5/29/2018 | < 4.8 | < 18 | < 4.8 | < 8.3 | < 4.8 | < 6.6 | < 3.1 |
| SVMP-01S | 34965 Standish ROW | 3.5 | 8/22/2018 | < 4.8 | < 18 | < 4.8 | < 8.3 | < 4.8 | < 6.6 | < 3.1 |
| SVMP-01S | 34965 Standish ROW | 3.5 | 11/6/2018 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-01S | 34965 Standish ROW | 3.5 | 3/4/2019 | < 4.5 | < 16 | < 4.5 | < 7.7 | < 4.5 | < 6.1 | < 2.9 |
| SVMP-01S | 34965 Standish ROW | 3.5 | 6/25/2019 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.6 | < 3.2 |
| SVMP-01D | 34965 Standish ROW | 7 | 6/8/2017 | NA | NA | NA | NA | NA | < 6.2 | < 3.0 |
| SVMP-01D | 34965 Standish ROW | 7 | 9/20/2017 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-01D | 34965 Standish ROW | 7 | 11/17/2017 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-01D | 34965 Standish ROW | 7 | 2/19/2018 | < 4.5 | < 16 | < 4.5 | < 7.6 | < 4.5 | < 6.0 | < 2.9 |
| SVMP-01D | 34965 Standish ROW | 7 | 5/29/2018 | < 5.1 | < 18 | < 5.1 | < 8.7 | < 5.1 | < 6.9 | < 3.3 |
| SVMP-01D | 34965 Standish ROW | 7 | 8/22/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-01D | 34965 Standish ROW | 7 | 11/6/2018 | < 4.5 | < 16 | < 4.5 | < 7.7 | < 4.5 | < 6.1 | < 2.9 |
| SVMP-01D | 34965 Standish ROW | 7 | 3/4/2019 | < 4.6 | < 17 | < 4.6 | < 8.0 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-01D | 34965 Standish ROW | 7 | 6/25/2019 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.8 | < 3.2 |
| SVMP-02S | 34963 Standish ROW | 4.5 | 6/9/2017 | NA | NA | NA | NA | NA | < 6.0 | < 2.8 |
| SVMP-02S | 34963 Standish ROW | 4.5 | 9/20/2017 | < 5.2 | < 19 | < 5.2 | < 9.0 | < 5.2 | < 7.1 | < 3.4 |
| SVMP-02S | 34963 Standish ROW | 4.5 | 11/17/2017 | < 4.5 | < 16 | < 4.5 | < 7.8 | < 4.5 | < 6.2 | < 2.9 |
| SVMP-02S | 34963 Standish ROW | 4.5 | 2/19/2018 | < 8.3 | < 30 | < 8.3 | < 14 | < 8.3 | < 11 | < 5.3 |
| SVMP-02S | 34963 Standish ROW | 4.5 | 5/29/2018 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.7 | < 3.2 |
| SVMP-02S | 34963 Standish ROW | 4.5 | 8/22/2018 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.8 | < 3.2 |
| SVMP-02S | 34963 Standish ROW | 4.5 | 11/7/2018 | < 4.6 | < 17 | < 4.6 | < 7.8 | < 4.6 | < 6.2 | < 3.0 |
| SVMP-02S | 34963 Standish ROW | 4.5 | 3/21/2019 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-02S | 34963 Standish ROW | 4.5 | 6/25/2019 | < 5.2 | < 19 | < 5.2 | < 8.8 | < 5.2 | < 7.0 | < 3.3 |
| SVMP-02D | 34963 Standish ROW | 8.5 | 6/9/2017 | NA | NA | NA | NA | NA | < 6.1 | < 2.9 |
| SVMP-02D | 34963 Standish ROW | 8.5 | 9/20/2017 | < 5.2 | < 19 | < 5.2 | < 9.0 | < 5.2 | < 7.1 | < 3.4 |
| SVMP-02D | 34963 Standish ROW | 8.5 | 11/17/2017 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-02D | 34963 Standish ROW | 8.5 | 2/19/2018 | < 8.3 | < 30 | < 8.3 | < 14 | < 8.3 | < 11 | < 5.3 |
| SVMP-02D | 34963 Standish ROW | 8.5 | 5/29/2018 | < 5.1 | < 18 | < 5.1 | < 8.7 | < 5.1 | < 6.9 | < 3.3 |
| SVMP-02D | 34963 Standish ROW | 8.5 | 8/22/2018 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.6 | < 3.2 |
| SVMP-02D | 34963 Standish ROW | 8.5 | 11/7/2018 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-02D | 34963 Standish ROW | 8.5 | 3/5/2019 | < 4.8 | < 17 | < 4.8 | < 8.1 | < 4.8 | < 6.4 | < 3.1 |
| SVMP-02D | 34963 Standish ROW | 8.5 | 6/25/2019 | < 5.2 | < 19 | < 5.2 | < 9.0 | < 5.2 | < 7.1 | < 3.4 |
| SVMP-03S | 34901 Standish ROW | 3.5 | 6/12/2017 | NA | NA | NA | NA | NA | < 6.3 | < 3.0 |
| SVMP-03S | 34901 Standish ROW | 3.5 | 9/21/2017 | < 4.9 | < 18 | < 4.9 | < 8.3 | < 4.9 | < 6.6 | < 3.1 |
| SVMP-03S | 34901 Standish ROW | 3.5 | 11/17/2017 | < 4.0 | < 15 | < 4.0 | < 6.9 | < 4.0 | < 5.5 | < 2.6 |
| SVMP-03S | 34901 Standish ROW | 3.5 | 2/19/2018 | < 4.3 | < 16 | < 4.3 | < 7.3 | < 4.3 | < 5.8 | < 2.8 |
| SVMP-03S | 34901 Standish ROW | 3.5 | 5/29/2018 | < 5.5 | < 20 | < 5.5 | < 9.4 | < 5.5 | < 7.4 | < 3.5 |
| SVMP-03S | 34901 Standish ROW | 3.5 | 8/22/2018 | < 4.6 | < 17 | < 4.6 | < 7.8 | < 4.6 | < 6.2 | < 3.0 |
| SVMP-03S | 34901 Standish ROW | 3.5 | 11/7/2018 | < 4.5 | < 16 | < 4.5 | < 7.7 | < 4.5 | < 6.1 | < 2.9 |
| SVMP-03S | 34901 Standish ROW | 3.5 | 6/25/2019 | < 5.5 | < 20 | < 5.5 | < 9.4 | < 5.5 | < 7.4 | < 3.5 |
| SVMP-03D | 34901 Standish ROW | 7 | 6/12/2017 | NA | NA | NA | NA | NA | < 6.8 | < 3.2 |
| SVMP-03D | 34901 Standish ROW | 7 | 9/21/2017 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |

See Notes on Last Page.

**Table 5**
**Soil Vapor Monitoring Point Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte: | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl Chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Unit: | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ |
| | | | Residential VIAC | 7,000 | 170 | 280 | 1,400 | 2,800 | 67 | 54 |
| **Location:** | **Address:** | **Sample Depth (ft bgs):** | **Sample Date:** | | | | | | | |
| SVMP-03D | 34901 Standish ROW | 7 | 11/17/2017 | < 4.3 | < 16 | < 4.3 | < 7.4 | < 4.3 | < 5.8 | < 2.8 |
| SVMP-03D | 34901 Standish ROW | 7 | 2/19/2018 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-03D | 34901 Standish ROW | 7 | 5/29/2018 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.7 | < 3.2 |
| SVMP-03D | 34901 Standish ROW | 7 | 8/22/2018 | < 4.6 | < 17 | < 4.6 | < 7.8 | < 4.6 | < 6.2 | < 3.0 |
| SVMP-03D | 34901 Standish ROW | 7 | 11/7/2018 | < 4.4 | < 16 | < 4.4 | < 7.5 | < 4.4 | < 6.0 | < 2.8 |
| SVMP-03D | 34901 Standish ROW | 7 | 3/21/2019 | < 4.8 | < 18 | < 4.8 | < 8.3 | < 4.8 | < 6.6 | < 3.1 |
| SVMP-03D | 34901 Standish ROW | 7 | 6/25/2019 | < 5.4 | < 20 | < 5.4 | < 9.3 | < 5.4 | < 7.4 | < 3.5 |
| SVMP-04 | 11845 Boston Post ROW | 3.5 | 6/12/2017 | NA | NA | NA | NA | NA | < 6.0 | < 2.9 |
| SVMP-04 | 11845 Boston Post ROW | 3.5 | 9/20/2017 | < 4.9 | < 18 | < 4.9 | **8.3 J** | < 4.9 | < 6.6 | < 3.2 |
| SVMP-04 | 11845 Boston Post ROW | 3.5 | 11/20/2017 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.7 | < 3.2 |
| SVMP-04 | 11845 Boston Post ROW | 3.5 | 2/21/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-04 | 11845 Boston Post ROW | 3.5 | 5/30/2018 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-04 | 11845 Boston Post ROW | 3.5 | 8/23/2018 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.6 | < 3.2 |
| SVMP-04 | 11845 Boston Post ROW | 3.5 | 11/5/2018 | < 5.1 | < 18 | < 5.1 | < 8.7 | < 5.1 | < 6.9 | < 3.3 |
| SVMP-04 | 11845 Boston Post ROW | 3.5 | 3/5/2019 | < 5.9 | < 22 | < 5.9 | < 10 | < 5.9 | < 8.1 | < 3.8 |
| SVMP-04 | 11845 Boston Post ROW | 3.5 | 6/25/2019 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.6 | < 3.2 |
| SVMP-05 | 34851 Wadsworth ROW | 4.5 | 6/12/2017 | NA | NA | NA | NA | NA | < 6.7 | < 3.2 |
| SVMP-05 | 34851 Wadsworth ROW | 4.5 | 9/20/2017 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-05 | 34851 Wadsworth ROW | 4.5 | 11/20/2017 | < 4.6 | < 16 | < 4.6 | < 7.8 | < 4.6 | < 6.2 | < 2.9 |
| SVMP-05 | 34851 Wadsworth ROW | 4.5 | 2/21/2018 | < 4.2 | < 15 | < 4.2 | < 7.2 | < 4.2 | < 5.7 | < 2.7 |
| SVMP-05 | 34851 Wadsworth ROW | 4.5 | 5/30/2018 | < 4.7 | < 17 | < 4.7 | < 8.0 | < 4.7 | < 6.3 | < 3.0 |
| SVMP-05 | 34851 Wadsworth ROW | 4.5 | 8/23/2018 | < 4.6 | < 17 | < 4.6 | < 7.8 | < 4.6 | < 6.2 | < 3.0 |
| SVMP-05 | 34851 Wadsworth ROW | 4.5 | 11/5/2018 | < 4.6 | < 16 | < 4.6 | < 7.8 | < 4.6 | < 6.2 | < 2.9 |
| SVMP-05 | 34851 Wadsworth ROW | 4.5 | 3/21/2019 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.8 | < 3.2 |
| SVMP-05 | 34851 Wadsworth ROW | 4.5 | 6/25/2019 | < 5.2 | < 19 | < 5.2 | < 9.0 | < 5.2 | < 7.1 | < 3.4 |
| SVMP-06 | 34935 Wadsworth ROW | 4.5 | 6/13/2017 | NA | NA | NA | NA | NA | < 6.0 | < 2.9 |
| SVMP-06 | 34935 Wadsworth ROW | 4.5 | 9/20/2017 | < 4.6 | < 17 | **8.0** | **24** | < 4.6 | < 6.3 | < 3.0 |
| SVMP-06 | 34935 Wadsworth ROW | 4.5 | 11/20/2017 | < 4.5 | < 16 | < 4.5 | < 7.7 | < 4.5 | < 6.1 | < 2.9 |
| SVMP-06 | 34935 Wadsworth ROW | 4.5 | 2/21/2018 | < 4.6 | < 17 | < 4.6 | < 7.8 | < 4.6 | < 6.2 | < 3.0 |
| SVMP-06 | 34935 Wadsworth ROW | 4.5 | 5/30/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-06 | 34935 Wadsworth ROW | 4.5 | 8/23/2018 | < 4.6 | < 16 | < 4.6 | < 7.8 | < 4.6 | < 6.2 | < 2.9 |
| SVMP-06 | 34935 Wadsworth ROW | 4.5 | 11/5/2018 | < 4.4 | < 16 | < 4.4 | < 7.6 | < 4.4 | < 6.0 | < 2.9 |
| SVMP-06 | 34935 Wadsworth ROW | 4.5 | 3/21/2019 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.7 | < 3.2 |
| SVMP-06 | 34935 Wadsworth ROW | 4.5 | 6/24/2019 | < 5.1 | < 18 | < 5.1 | < 8.8 | < 5.1 | < 6.9 | < 3.3 |
| SVMP-07 | 34965 Wadsworth ROW | 3.5 | 6/13/2017 | NA | NA | NA | NA | NA | < 6.3 | < 3.0 |
| SVMP-07 | 34965 Wadsworth ROW | 3.5 | 9/20/2017 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-07 | 34965 Wadsworth ROW | 3.5 | 11/20/2017 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-07 | 34965 Wadsworth ROW | 3.5 | 2/19/2018 | < 4.5 | < 16 | < 4.5 | < 7.7 | < 4.5 | < 6.1 | < 2.9 |
| SVMP-07 | 34965 Wadsworth ROW | 3.5 | 5/30/2018 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.7 | < 3.2 |
| SVMP-07 | 34965 Wadsworth ROW | 3.5 | 8/23/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-07 | 34965 Wadsworth ROW | 3.5 | 11/5/2018 | < 4.8 | < 17 | < 4.8 | < 8.1 | < 4.8 | < 6.4 | < 3.1 |
| SVMP-07 | 34965 Wadsworth ROW | 3.5 | 3/4/2019 | < 4.5 | < 16 | < 4.5 | < 7.7 | < 4.5 | < 6.1 | < 2.9 |
| SVMP-07 | 34965 Wadsworth ROW | 3.5 | 6/24/2019 | < 5.2 | < 19 | < 5.2 | < 9.0 | < 5.2 | < 7.1 | < 3.4 |
| SVMP-08 | 34969 Beacon ROW | 3.5 | 6/15/2017 | NA | NA | NA | NA | NA | < 6.5 | < 3.1 |
| SVMP-08 | 34969 Beacon ROW | 3.5 | 9/20/2017 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-08 | 34969 Beacon ROW | 3.5 | 11/20/2017 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.2 | < 3.0 |

See Notes on Last Page.

**Table 5**
**Soil Vapor Monitoring Point Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Analyte: | | | | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl Chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| Unit: | | | | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ |
| Residential VIAC | | | | 7,000 | 170 | 280 | 1,400 | 2,800 | 67 | 54 |
| **Location:** | **Address:** | **Sample Depth (ft bgs):** | **Sample Date:** | | | | | | | |
| SVMP-08 | 34969 Beacon ROW | 3.5 | 2/20/2018 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-08 | 34969 Beacon ROW | 3.5 | 5/29/2018 | < 5.0 | < 18 | < 5.0 | < 8.6 | < 5.0 | **11** | < 3.2 |
| SVMP-08 | 34969 Beacon ROW | 3.5 | 8/23/2018 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-08 | 34969 Beacon ROW | 3.5 | 11/5/2018 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-08 | 34969 Beacon ROW | 3.5 | 3/5/2019 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-08 | 34969 Beacon ROW | 3.5 | 6/24/2019 | < 5.5 | < 20 | < 5.5 | < 9.4 | < 5.5 | < 7.4 | < 3.5 |
| SVMP-09 | 34921 Beacon ROW | 4 | 6/14/2017 | NA | NA | NA | NA | NA | **6.9** | < 3.0 |
| SVMP-09 | 34921 Beacon ROW | 4 | 9/20/2017 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.6 | < 3.2 |
| SVMP-09 | 34921 Beacon ROW | 4 | 11/20/2017 | < 4.5 | < 16 | < 4.5 | < 7.7 | < 4.5 | < 6.1 | < 2.9 |
| SVMP-09 | 34921 Beacon ROW | 4 | 2/20/2018 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-09 | 34921 Beacon ROW | 4 | 5/30/2018 | < 4.5 | < 16 | < 4.5 | < 7.7 | < 4.5 | < 6.1 | < 2.9 |
| SVMP-09 | 34921 Beacon ROW | 4 | 8/23/2018 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.6 | < 3.2 |
| SVMP-09 | 34921 Beacon ROW | 4 | 11/5/2018 | < 4.4 | < 16 | < 4.4 | < 7.5 | < 4.4 | < 5.9 | < 2.8 |
| SVMP-09 | 34921 Beacon ROW | 4 | 3/5/2019 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-09 | 34921 Beacon ROW | 4 | 6/24/2019 | < 5.3 | < 19 | < 5.3 | < 9.1 | < 5.3 | < 7.2 | < 3.4 |
| SVMP-10 | 34851 Beacon ROW | 3 | 6/13/2017 | NA | NA | NA | NA | NA | < 6.7 | < 3.2 |
| SVMP-10 | 34851 Beacon ROW | 3 | 9/20/2017 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-10 | 34851 Beacon ROW | 3 | 11/21/2017 | < 4.4 | < 16 | < 4.4 | < 7.5 | < 4.4 | < 5.9 | < 2.8 |
| SVMP-10 | 34851 Beacon ROW | 3 | 2/20/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-10 | 34851 Beacon ROW | 3 | 8/23/2018 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.6 | < 3.2 |
| SVMP-10 | 34851 Beacon ROW | 3 | 11/5/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-11 | 12124 Boston Post ROW | 3.5 | 6/13/2017 | NA | NA | NA | NA | NA | < 6.3 | < 3.0 |
| SVMP-12 | 12100 Boston Post ROW | 3.5 | 6/13/2017 | NA | NA | NA | NA | NA | < 6.4 | < 3.0 |
| SVMP-12 | 12100 Boston Post ROW | 3.5 | 9/19/2017 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-12 | 12100 Boston Post ROW | 3.5 | 11/21/2017 | < 4.7 | < 17 | < 4.7 | < 8.0 | < 4.7 | < 6.3 | < 3.0 |
| SVMP-12 | 12100 Boston Post ROW | 3.5 | 2/20/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-12 | 12100 Boston Post ROW | 3.5 | 5/29/2018 | < 4.8 | < 18 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-12 | 12100 Boston Post ROW | 3.5 | 8/23/2018 | < 4.7 | < 17 | < 4.7 | < 8.0 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-12 | 12100 Boston Post ROW | 3.5 | 11/6/2018 | < 4.8 | < 18 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-12 | 12100 Boston Post ROW | 3.5 | 3/21/2019 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-12 | 12100 Boston Post ROW | 3.5 | 6/24/2019 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.8 | < 3.2 |
| SVMP-13 | 12034 Boston Post ROW (Beacon ROW) | 2 | 6/16/2017 | NA | NA | NA | NA | NA | < 6.6 | < 3.2 |
| SVMP-13 | 12034 Boston Post ROW (Beacon ROW) | 2 | 9/19/2017 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-13 | 12034 Boston Post ROW (Beacon ROW) | 2 | 11/21/2017 | < 4.6 | < 16 | < 4.6 | < 7.8 | < 4.6 | < 6.2 | < 2.9 |
| SVMP-13 | 12034 Boston Post ROW (Beacon ROW) | 2 | 8/24/2018 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-14 | 34669 Beacon ROW | 2 | 6/16/2017 | NA | NA | NA | NA | NA | < 6.4 | < 3.0 |
| SVMP-14 | 34669 Beacon ROW | 2 | 9/19/2017 | < 4.5 | < 16 | < 4.5 | < 7.8 | < 4.5 | < 6.2 | < 2.9 |
| SVMP-14 | 34669 Beacon ROW | 2 | 11/21/2017 | < 4.1 | < 15 | < 4.1 | < 7.0 | < 4.1 | < 5.6 | < 2.6 |
| SVMP-14 | 34669 Beacon ROW | 2 | 8/24/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-14 | 34669 Beacon ROW | 2 | 3/5/2019 | < 5.3 | < 19 | < 5.3 | < 9.0 | < 5.3 | < 7.2 | < 3.4 |
| SVMP-15 | 34591 Beacon ROW | 2 | 6/16/2017 | NA | NA | NA | NA | NA | < 6.3 | < 3.0 |
| SVMP-15 | 34591 Beacon ROW | 2 | 9/19/2017 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-15 | 34591 Beacon ROW | 2 | 11/20/2017 | < 4.4 | < 16 | < 4.4 | < 7.6 | < 4.4 | < 6.0 | < 2.9 |
| SVMP-15 | 34591 Beacon ROW | 2 | 8/24/2018 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |

See Notes on Last Page.

**Table 5**
**Soil Vapor Monitoring Point Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte: | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl Chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Unit: | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ |
| | | | Residential VIAC | 7,000 | 170 | 280 | 1,400 | 2,800 | 67 | 54 |
| **Location:** | **Address:** | **Sample Depth (ft bgs):** | **Sample Date:** | | | | | | | |
| SVMP-16 | 12017 Beacon ROW | 2 | 6/16/2017 | NA | NA | NA | NA | NA | < 6.4 | < 3.0 |
| SVMP-16 | 12017 Beacon ROW | 2 | 9/19/2017 | < 4.5 | < 16 | < 4.5 | < 7.8 | < 4.5 | < 6.2 | < 2.9 |
| SVMP-16 | 12017 Beacon ROW | 2 | 11/20/2017 | < 4.3 | < 16 | < 4.3 | < 7.4 | < 4.3 | < 5.9 | < 2.8 |
| SVMP-16 | 12017 Beacon ROW | 2 | 8/24/2018 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.8 | < 3.2 |
| SVMP-17 | 12036 Beacon ROW | 2 | 6/16/2017 | NA | NA | NA | NA | NA | **18** | < 3.0 |
| SVMP-17 | 12036 Beacon ROW | 2 | 9/19/2017 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | **22** | < 3.1 |
| SVMP-17 | 12036 Beacon ROW | 2 | 5/30/2018 | < 4.8 | < 17 | < 4.8 | < 8.1 | < 4.8 | < 6.4 | < 3.1 |
| SVMP-17 | 12036 Beacon ROW | 2 | 8/24/2018 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.6 | < 3.2 |
| SVMP-17 | 12036 Beacon ROW | 2 | 3/5/2019 | < 4.9 | < 18 | < 4.9 | < 8.3 | < 4.9 | < 6.6 | < 3.1 |
| SVMP-17 | 12036 Beacon ROW | 2 | 6/24/2019 | < 5.1 | < 18 | < 5.1 | < 8.8 | < 5.1 | < 6.9 | < 3.3 |
| SVMP-18 | 34401 Capital ROW | 3 | 6/16/2017 | NA | NA | NA | NA | NA | < 6.6 | < 3.2 |
| SVMP-18 | 34401 Capital ROW | 3 | 9/18/2017 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-18 | 34401 Capital ROW | 3 | 11/17/2017 | < 4.3 | < 16 | < 4.3 | < 7.3 | < 4.3 | < 5.8 | < 2.8 |
| SVMP-18 | 34401 Capital ROW | 3 | 2/20/2018 | < 4.5 | < 16 | < 4.5 | < 7.8 | < 4.5 | < 6.2 | < 2.9 |
| SVMP-18 | 34401 Capital ROW | 3 | 5/30/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-18 | 34401 Capital ROW | 3 | 8/22/2018 | < 5.1 | < 18 | < 5.1 | < 8.8 | < 5.1 | < 6.9 | < 3.3 |
| SVMP-18 | 34401 Capital ROW | 3 | 11/7/2018 | < 4.6 | < 16 | < 4.6 | < 7.8 | < 4.6 | < 6.2 | < 2.9 |
| SVMP-18 | 34401 Capital ROW | 3 | 3/5/2019 | < 5.6 | < 20 | < 5.6 | < 9.6 | < 5.6 | < 7.6 | < 3.6 |
| SVMP-18 | 34401 Capital ROW | 3 | 6/25/2019 | < 5.2 | < 19 | < 5.2 | < 9.0 | < 5.2 | < 7.1 | < 3.4 |
| SVMP-19 | 12088 Brewster (Capital ROW) | 3 | 6/16/2017 | NA | NA | NA | NA | NA | < 6.4 | < 3.0 |
| SVMP-19 | 12088 Brewster (Capital ROW) | 3 | 9/18/2017 | < 5.1 | < 18 | < 5.1 | < 8.8 | < 5.1 | < 6.9 | < 3.3 |
| SVMP-19 | 12088 Brewster (Capital ROW) | 3 | 11/17/2017 | < 4.3 | < 16 | < 4.3 | < 7.4 | < 4.3 | < 5.9 | < 2.8 |
| SVMP-19 | 12088 Brewster (Capital ROW) | 3 | 2/20/2018 | < 4.1 | < 15 | < 4.1 | < 7.1 | < 4.1 | < 5.6 | < 2.7 |
| SVMP-19 | 12088 Brewster (Capital ROW) | 3 | 8/22/2018 | < 4.5 | < 16 | < 4.5 | < 7.7 | < 4.5 | < 6.1 | < 2.9 |
| SVMP-19 | 12088 Brewster (Capital ROW) | 3 | 3/5/2019 | < 4.8 | < 18 | < 4.8 | < 8.3 | < 4.8 | < 6.6 | < 3.1 |
| SVMP-20 | 12088 Brewster ROW | 3 | 6/19/2017 | NA | NA | NA | NA | NA | < 5.8 | < 2.7 |
| SVMP-20 | 12088 Brewster ROW | 3 | 9/19/2017 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-20 | 12088 Brewster ROW | 3 | 8/22/2018 | < 4.7 | < 17 | < 4.7 | < 8.0 | < 4.7 | < 6.3 | < 3.0 |
| SVMP-21 | 34450 Beacon (Brewster ROW) | 2 | 6/19/2017 | NA | NA | NA | NA | NA | < 6.2 | < 3.0 |
| SVMP-21 | 34450 Beacon (Brewster ROW) | 2 | 9/19/2017 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-21 | 34450 Beacon (Brewster ROW) | 2 | 11/20/2017 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.2 | < 3.0 |
| SVMP-21 | 34450 Beacon (Brewster ROW) | 2 | 5/30/2018 | < 4.8 | < 18 | < 4.8 | < 8.3 | < 4.8 | < 6.6 | < 3.1 |
| SVMP-21 | 34450 Beacon (Brewster ROW) | 2 | 8/24/2018 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-21 | 34450 Beacon (Brewster ROW) | 2 | 3/5/2019 | < 5.2 | < 19 | < 5.2 | < 8.8 | < 5.2 | < 7.0 | < 3.3 |
| SVMP-21 | 34450 Beacon (Brewster ROW) | 2 | 6/25/2019 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.8 | < 3.2 |
| SVMP-22 | 34409 Rosati ROW (34403 Rosati ROW) | 3 | 6/19/2017 | NA | NA | NA | NA | NA | < 6.4 | < 3.1 |
| SVMP-22 | 34409 Rosati ROW (34403 Rosati ROW) | 3 | 9/18/2017 | < 4.8 | < 17 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-22 | 34409 Rosati ROW (34403 Rosati ROW) | 3 | 11/17/2017 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.7 | < 3.2 |
| SVMP-22 | 34409 Rosati ROW (34403 Rosati ROW) | 3 | 2/20/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-22 | 34409 Rosati ROW (34403 Rosati ROW) | 3 | 8/21/2018 | < 4.7 | < 17 | < 4.7 | < 8.0 | < 4.7 | < 6.3 | < 3.0 |
| SVMP-22 | 34409 Rosati ROW (34403 Rosati ROW) | 3 | 11/5/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-22 | 34409 Rosati ROW (34403 Rosati ROW) | 3 | 3/5/2019 | < 4.8 | < 18 | < 4.8 | < 8.3 | < 4.8 | < 6.6 | < 3.1 |
| SVMP-22 | 34409 Rosati ROW (34403 Rosati ROW) | 3 | 6/25/2019 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.6 | < 3.2 |
| SVMP-23 | 34450 Capital (Rosati ROW) | 3 | 6/19/2017 | NA | NA | NA | NA | NA | < 6.4 | < 3.1 |
| SVMP-23 | 34450 Capital (Rosati ROW) | 3 | 9/18/2017 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |

See Notes on Last Page.

**Table 5**
**Soil Vapor Monitoring Point Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte: | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl Chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Unit: | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ |
| | | | Residential VIAC | 7,000 | 170 | 280 | 1,400 | 2,800 | 67 | 54 |
| Location: | Address: | Sample Depth (ft bgs): | Sample Date: | | | | | | | |
| SVMP-23 | 34450 Capital (Rosati ROW) | 3 | 11/17/2017 | < 4.3 | < 16 | < 4.3 | < 7.4 | < 4.3 | < 5.8 | < 2.8 |
| SVMP-23 | 34450 Capital (Rosati ROW) | 3 | 2/20/2018 | < 4.2 | < 15 | < 4.2 | < 7.2 | < 4.2 | < 5.7 | < 2.7 |
| SVMP-23 | 34450 Capital (Rosati ROW) | 3 | 8/22/2018 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-23 | 34450 Capital (Rosati ROW) | 3 | 11/5/2018 | < 4.5 | < 16 | < 4.5 | < 7.7 | < 4.5 | < 6.1 | < 2.9 |
| SVMP-23 | 34450 Capital (Rosati ROW) | 3 | 6/25/2019 | < 4.5 | < 16 | < 4.5 | < 7.8 | < 4.5 | < 6.2 | < 2.9 |
| SVMP-24 | 34424 Capital (Rosati ROW) | 4 | 6/19/2017 | NA | NA | NA | NA | NA | < 6.2 | < 3.0 |
| SVMP-24 | 34424 Capital (Rosati ROW) | 4 | 9/18/2017 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-24 | 34424 Capital (Rosati ROW) | 4 | 11/17/2017 | < 4.4 | < 16 | < 4.4 | < 7.5 | < 4.4 | < 5.9 | < 2.8 |
| SVMP-24 | 34424 Capital (Rosati ROW) | 4 | 2/21/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-24 | 34424 Capital (Rosati ROW) | 4 | 5/30/2018 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-24 | 34424 Capital (Rosati ROW) | 4 | 8/22/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | **6.9** | < 3.0 |
| SVMP-24 | 34424 Capital (Rosati ROW) | 4 | 11/5/2018 | < 4.5 | < 16 | < 4.5 | < 7.8 | < 4.5 | < 6.2 | < 2.9 |
| SVMP-24 | 34424 Capital (Rosati ROW) | 4 | 3/21/2019 | < 4.8 | < 18 | < 4.8 | < 8.2 | < 4.8 | < 6.5 | < 3.1 |
| SVMP-24 | 34424 Capital (Rosati ROW) | 4 | 6/25/2019 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-25S | 12555 Belden ROW | 3 | 6/19/2017 | NA | NA | NA | NA | NA | < 6.2 | < 3.0 |
| SVMP-25S | 12555 Belden ROW | 3 | 9/21/2017 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-25S | 12555 Belden ROW | 3 | 11/21/2017 | < 4.5 | < 16 | < 4.5 | < 7.7 | < 4.5 | < 6.1 | < 2.9 |
| SVMP-25S | 12555 Belden ROW | 3 | 2/21/2018 | < 4.4 | < 16 | < 4.4 | < 7.6 | < 4.4 | < 6.0 | < 2.9 |
| SVMP-25S | 12555 Belden ROW | 3 | 5/29/2018 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.7 | < 3.2 |
| SVMP-25S | 12555 Belden ROW | 3 | 8/23/2018 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.7 | < 3.2 |
| SVMP-25S | 12555 Belden ROW | 3 | 11/6/2018 | < 4.6 | < 17 | < 4.6 | **1.6 J** | < 4.6 | < 6.2 | < 3.0 |
| SVMP-25S | 12555 Belden ROW | 3 | 3/21/2019 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.7 | < 3.2 |
| SVMP-25S | 12555 Belden ROW | 3 | 6/24/2019 | < 5.1 | < 18 | < 5.1 | **4.1 J** | < 5.1 | **1.3 J** | < 3.3 |
| SVMP-25D | 12555 Belden ROW | 6 | 6/19/2017 | NA | NA | NA | NA | NA | < 6.4 | < 3.0 |
| SVMP-25D | 12555 Belden ROW | 6 | 9/21/2017 | < 4.4 | < 16 | < 4.4 | **12** | < 4.4 | < 6.0 | < 2.9 |
| SVMP-25D | 12555 Belden ROW | 6 | 11/21/2017 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-25D | 12555 Belden ROW | 6 | 2/21/2018 | < 4.4 | < 16 | < 4.4 | < 7.6 | < 4.4 | < 6.0 | < 2.9 |
| SVMP-25D | 12555 Belden ROW | 6 | 5/29/2018 | < 5.1 | < 19 | < 5.1 | < 8.8 | < 5.1 | < 7.0 | < 3.3 |
| SVMP-25D | 12555 Belden ROW | 6 | 8/23/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-25D | 12555 Belden ROW | 6 | 11/6/2018 | < 4.7 | < 17 | < 4.7 | **2.5 J** | < 4.7 | < 6.4 | < 3.0 |
| SVMP-25D | 12555 Belden ROW | 6 | 3/21/2019 | < 5.2 | < 19 | < 5.2 | < 8.8 | < 5.2 | < 7.0 | < 3.3 |
| SVMP-25D | 12555 Belden ROW | 6 | 6/24/2019 | < 4.9 | < 18 | < 4.9 | **1.4 J** | < 4.9 | < 6.6 | < 3.2 |
| SVMP-26 | 11871-11897 Belden ROW | 4 | 6/19/2017 | NA | NA | NA | NA | NA | < 6.2 | < 3.0 |
| SVMP-26 | 11871-11897 Belden ROW | 4 | 9/21/2017 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.6 | < 3.2 |
| SVMP-26 | 11871-11897 Belden ROW | 4 | 11/21/2017 | < 4.4 | < 16 | < 4.4 | < 7.6 | < 4.4 | < 6.0 | < 2.9 |
| SVMP-26 | 11871-11897 Belden ROW | 4 | 2/21/2018 | < 4.4 | < 16 | < 4.4 | < 7.5 | < 4.4 | < 5.9 | < 2.8 |
| SVMP-26 | 11871-11897 Belden ROW | 4 | 5/29/2018 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.7 | < 3.2 |
| SVMP-26 | 11871-11897 Belden ROW | 4 | 8/23/2018 | < 4.6 | < 17 | **14** | < 8.0 | < 4.6 | **24** | < 3.0 |
| SVMP-26 | 11871-11897 Belden ROW | 4 | 11/6/2018 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.7 | < 3.2 |
| SVMP-26 | 11871-11897 Belden ROW | 4 | 3/21/2019 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.8 | < 3.2 |
| SVMP-27 | 11871-11897 Belden ROW | 4.5 | 6/19/2017 | NA | NA | NA | NA | NA | < 6.2 | < 3.0 |
| SVMP-27 | 11871-11897 Belden ROW | 4.5 | 9/21/2017 | < 4.4 | < 16 | **11** | < 7.6 | < 4.4 | **7.2** | < 2.9 |
| SVMP-27 | 11871-11897 Belden ROW | 4.5 | 11/21/2017 | < 4.4 | < 16 | < 4.4 | < 7.5 | < 4.4 | < 5.9 | < 2.8 |
| SVMP-27 | 11871-11897 Belden ROW | 4.5 | 2/21/2018 | < 4.4 | < 16 | < 4.4 | < 7.6 | < 4.4 | < 6.0 | < 2.9 |
| SVMP-27 | 11871-11897 Belden ROW | 4.5 | 5/29/2018 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.7 | < 3.2 |

See Notes on Last Page.

**Table 5**
**Soil Vapor Monitoring Point Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| | | | Analyte: | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl Chloride |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Unit: | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ | µg/m³ |
| | | | Residential VIAC | 7,000 | 170 | 280 | 1,400 | 2,800 | 67 | 54 |
| **Location:** | **Address:** | **Sample Depth (ft bgs):** | **Sample Date:** | | | | | | | |
| SVMP-27 | 11871-11897 Belden ROW | 4.5 | 8/23/2018 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.7 | < 3.2 |
| SVMP-27 | 11871-11897 Belden ROW | 4.5 | 11/6/2018 | < 4.5 | < 16 | < 4.5 | < 7.6 | < 4.5 | < 6.0 | < 2.9 |
| SVMP-27 | 11871-11897 Belden ROW | 4.5 | 3/21/2019 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.7 | < 3.2 |
| SVMP-27 | 11871-11897 Belden ROW | 4.5 | 6/24/2019 | < 4.9 | < 18 | < 4.9 | < 8.4 | < 4.9 | < 6.6 | < 3.2 |
| SVMP-28 | 11771 Belden ROW | 3 | 6/19/2017 | NA | NA | NA | NA | NA | < 6.1 | < 2.9 |
| SVMP-28 | 11771 Belden ROW | 3 | 9/21/2017 | < 4.8 | < 17 | < 4.8 | **25** | < 4.8 | < 6.5 | < 3.1 |
| SVMP-28 | 11771 Belden ROW | 3 | 11/21/2017 | < 4.6 | < 17 | < 4.6 | < 7.9 | < 4.6 | < 6.3 | < 3.0 |
| SVMP-28 | 11771 Belden ROW | 3 | 2/21/2018 | < 4.3 | < 16 | < 4.3 | < 7.3 | < 4.3 | < 5.8 | < 2.8 |
| SVMP-28 | 11771 Belden ROW | 3 | 5/29/2018 | < 5.2 | < 19 | < 5.2 | < 8.9 | < 5.2 | < 7.1 | < 3.4 |
| SVMP-28 | 11771 Belden ROW | 3 | 8/23/2018 | < 4.7 | < 17 | < 4.7 | **8.9** | < 4.7 | < 6.3 | < 3.0 |
| SVMP-28 | 11771 Belden ROW | 3 | 11/6/2018 | < 4.7 | < 17 | < 4.7 | < 8.1 | < 4.7 | < 6.4 | < 3.0 |
| SVMP-28 | 11771 Belden ROW | 3 | 3/21/2019 | < 5.0 | < 18 | < 5.0 | < 8.5 | < 5.0 | < 6.7 | < 3.2 |
| SVMP-28 | 11771 Belden ROW | 3 | 6/24/2019 | < 5.1 | < 18 | < 5.1 | **1.3 J** | < 5.1 | < 6.9 | < 3.3 |
| SVMP-29 | 34966 Standish | 3.5 | 6/14/2017 | NA | NA | NA | NA | NA | < 6.3 | < 3.0 |
| SVMP-29 | 34966 Standish | 7.5 | 6/14/2017 | NA | NA | NA | NA | NA | < 6.0 | < 2.8 |
| SVMP-30 | 11775 Boston Post | 4 | 6/14/2017 | NA | NA | NA | NA | NA | **31** | < 2.9 |
| SVMP-31 | 34935 Wadsworth | 5.5 | 6/14/2017 | NA | NA | NA | NA | NA | < 6.1 | < 2.9 |
| SVMP-32 | 34990 Beacon | 3 | 6/15/2017 | NA | NA | NA | NA | NA | < 6.4 | < 3.0 |
| SVMP-32 | 34990 Beacon | 6 | 6/15/2017 | NA | NA | NA | NA | NA | < 6.5 | < 3.1 |
| SVMP-33 | 34940 Beacon | 4 | 6/15/2017 | NA | NA | NA | NA | NA | < 6.5 | < 3.1 |
| SVMP-34 | 12089 Boston Post | 4 | 6/15/2017 | NA | NA | NA | NA | NA | < 6.3 | < 3.0 |
| SVMP-35 | 34965 Wadsworth | 4 | 6/15/2017 | NA | NA | NA | NA | NA | < 6.9 | < 3.3 |
| SVMP-36 | 34380 Capital | 4 | 6/16/2017 | NA | NA | NA | NA | NA | < 6.2 | < 2.9 |
| SVMP-37 | 34424 Beacon | 2.5 | 6/16/2017 | NA | NA | NA | NA | NA | < 6.2 | < 3.0 |
| SVMP-15-03 | Onsite (behind 12333 Belden) | 8 | 11/17/2015 | < 16 | NA | < 7.9 | **7.3 J** | < 7.9 | < 11 | < 5.1 |
| SVMP-15-04 | Onsite (behind 11871-11897 Belden) | 8 | 11/17/2015 | < 16 | NA | < 7.9 | < 14 | < 7.9 | < 11 | < 5.1 |
| SVMP-15-05 | Onsite (behind 11801 Belden) | 8 | 11/17/2015 | < 16 | NA | < 7.9 | **4.0 J** | < 7.9 | < 11 | < 5.1 |
| SVMP-15-06 | Onsite (behind 11675 Belden) | 10 | 11/17/2015 | < 16 | NA | < 7.9 | < 14 | < 7.9 | < 11 | < 5.1 |
| SVMP-15-07 | Onsite (behind 35400 Plymouth) | 10 | 11/17/2015 | < 16 | NA | < 7.9 | < 14 | < 7.9 | < 11 | < 5.1 |
| SVMP-15-08 | Onsite, near ATNPC | 13.5 | 11/17/2015 | < 1,500 | NA | < 770 | < 1,300 | **1,300** | **39,000** | < 500 |
| SVMP-16-01 | 12124 Boston Post ROW | 3.5 | 3/29/2016 | <4.8 | <18 | <4.8 | **15** | <4.8 | <6.6 | <3.1 |
| SVMP-16-02 | 35000 Plymouth - Near HPT-97 | 5 | 3/29/2016 | <4.7 | <17 | <4.7 | <8.0 | <4.7 | <6.4 | <3.0 |
| SVMP-16-03 | Onsite, near ATNPC | 11 | 6/9/2016 | < 33 | < 92 | < 33 | < 57 | < 33 | **2,200** | < 42 |
| SVMP-16-04 | Onsite, near ATNPC | 5 | 6/10/2016 | < 33 | < 92 | < 33 | **87** | < 33 | < 45 | < 42 |
| SVMP-16-05 | Onsite, near ATNPC | 9.5 | 6/9/2016 | < 33 | < 92 | **160** | < 57 | **55** | < 45 | < 42 |
| SVMP-16-06 | Onsite, near ATNPC | 11 | 6/10/2016 | < 33 | < 92 | < 33 | < 57 | < 33 | < 45 | < 42 |
| SVMP-16-07 | Onsite, near ATNPC | 10 | 6/10/2016 | < 33 | < 92 | < 33 | < 57 | < 33 | **1,500** | < 42 |
| SVMP-16-08 | Onsite, near ATNPC | 8 | 6/10/2016 | < 33 | < 92 | < 33 | < 57 | < 33 | **260** | < 42 |
| SVMP-16-09 | Onsite, near ATNPC | 7 | 6/10/2016 | < 33 | < 92 | < 33 | < 57 | < 33 | < 45 | < 42 |

See Notes on Last Page.

**Table 5**
**Soil Vapor Monitoring Point Results**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

**Notes:**

| | |
|---|---|
| **Bold** | Concentration was detected above reporting limit. |
| Shaded | Exceeds the Residential Site-Specific VIAC |
| < | Analyte was not detected above the laboratory reporting limit. |

All results are in units of µg/m$^3$ (micrograms per cubic meter).

All samples were analyzed by USEPA Method TO-15, except for the samples collected in 2016 which were analyzed by USEPA Method TO-17.

The residential VIAC are site-specific criteria provided by EGLE on October 30, 2018 for a residential structure with a basement, the depth to groundwater submitted for the Site (i.e., 5 feet), and USDA soil type of sand.

SVMP-11 abandoned after the initial sampling event per the adjacent property owner's request.

SVMP-29 through SVMP-37 are located on residential properties, and therefore, were only sampled during the initial sampling event.

SVMP-17 and SVMP-20 were not sampled during the November 2017 sampling event due to saturated screens.

SVMP-13 through SVMP-17, SVMP-20, and SVMP-21 were not sampled during the February 2018 sampling event due to saturated screens.

SVMP-10, SVMP-13 through SVMP-16, SVMP-19, SVMP-22, and SVMP-23 were not sampled during the May 2018 sampling event due to saturated screens.

SVMP-20 was not sampled during the May 2018 sampling event due to a blockage in the tubing.

SVMP-13 through SVMP-17 and SVMP-19 through SVMP-21 were not sampled during the November 2018 sampling event due to saturated screens.

SVMP-10, SVMP-13, SVMP-15, SVMP-16, SVMP-20, and SVMP-23 were not sampled during the March 2019 sampling event due to saturated screens.

SVMP-03S was not sampled during the March 2019 sampling event due to technical difficulties with the canister.

SVMP-10, SVMP-13, SVMP-14, SVMP-15, SVMP-16, SVMP-19, and SVMP-20 were not sampled during the June 2019 sampling event due to saturated screens.

SVMP-26 sample was canceled due to a high laboratory check-in canister vacuum reading of 10.5 inches of mercury during the June 2019 sampling event.

**Abbreviations and Data Qualifiers:**

| | |
|---|---|
| EGLE | Michigan Department of Environment, Great Lakes, and Energy |
| ft bgs | feet below ground surface |
| J | reported value is estimated |
| µg/m$^3$ | micrograms per cubic meter |
| NA | not analyzed/not available |
| SVMP | soil vapor monitoring point |
| USDA | United States Department of Agriculture |
| USEPA | United States Environmental Protection Agency |
| VIAC | Volatilization to Indoor Air Criteria |
| VOC | volatile organic compound |

**Table 6**
**Utility Corridor Analytical Results - Liquid**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Location: | Survey ID: | Sample Date: | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|
| | | | Semi-Volatile Organic Compounds | Volatile Organic Compounds | | | | | |
| MH-1001 | STMH-1001 | 6/9/2020 | 1.1 J | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1001 | STMH-1001 | 9/15/2020 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1001 | STMH-1001 | 12/16/2020 | R | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1001 | STMH-1001 | 3/23/2021 | 1.1 J | < 0.19 | 0.40 J | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1020 | SAMH-1020 | 6/16/2020 | < 4.3 | < 0.95 | < 0.80 | < 0.75 | < 0.95 | < 0.50 | < 1.0 |
| MH-1020 | SAMH-1020 | 9/18/2020 | < 4.3 | < 0.63 | < 0.53 | < 0.50 | < 0.63 | < 0.33 | < 0.67 |
| MH-1020 | SAMH-1020 | 12/17/2020 | < 0.86 | < 0.63 | < 0.53 | < 0.50 | < 0.63 | < 0.33 | < 0.67 |
| MH-1020 | SAMH-1020 | 3/24/2021 | < 2.6 | < 0.63 | < 0.53 | < 0.50 | < 0.63 | < 0.33 | < 0.67 |
| MH-1041 | STMH-1041 | 6/9/2020 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1041 | STMH-1041 | 12/15/2020 | 1.4 J | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1041 | STMH-1041 | 3/23/2021 | < 2.6 | < 0.95 | < 0.80 | < 0.75 | < 0.95 | < 0.50 | < 1.0 |
| MH-1043 | SAMH-1043 | 6/16/2020 | 1.2 J | < 0.95 | < 0.80 | < 0.75 | < 0.95 | < 0.50 | < 1.0 |
| MH-1043 | SAMH-1043 | 9/18/2020 | < 0.86 | < 0.38 | < 0.32 | < 0.30 | < 0.38 | < 0.20 | < 0.40 |
| MH-1043 | SAMH-1043 | 12/17/2020 | < 0.86 | < 0.38 | < 0.32 | < 0.30 | < 0.38 | < 0.20 | < 0.40 |
| MH-1043 | SAMH-1043 | 3/24/2021 | 2.8 J | < 1.5 | < 1.3 | < 1.2 | < 1.5 | < 0.80 | < 1.6 |
| MH-1066 | STMH-1066 | 6/9/2020 | < 0.86 | < 0.19 | 0.34 J | < 0.15 | < 0.19 | < 0.10 | 0.73 J |
| MH-1066 | STMH-1066 | 9/16/2020 | < 0.86 | < 0.19 | 0.17 J | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1066 | STMH-1066 | 12/15/2020 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1066 | STMH-1066 | 3/23/2021 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1067 | SAMH-1067 | 6/16/2020 | < 0.86 | < 0.95 | < 0.80 | < 0.75 | < 0.95 | < 0.50 | < 1.0 |
| MH-1067 | SAMH-1067 | 12/17/2020 | < 0.86 | < 0.95 | < 0.80 | < 0.75 | < 0.95 | < 0.50 | < 1.0 |
| MH-1067 | SAMH-1067 | 3/24/2021 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1082 | SAMH-1082 | 6/15/2020 | 1.2 J | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1088 | STMH-1088 | 6/9/2020 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1096 | SAMH-1096 | 6/15/2020 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1096 | SAMH-1096 | 9/18/2020 | 0.89 J | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1096 | SAMH-1096 | 12/16/2020 | 5.2 [5.2 ] | < 0.19 [< 0.19 ] | < 0.16 [< 0.16 ] | < 0.15 [< 0.15 ] | < 0.19 [< 0.19 ] | < 0.10 [< 0.10 ] | < 0.20 [< 0.20 ] |
| MH-1096 | SAMH-1096 | 3/22/2021 | < 2.6 [< 0.86 ] | < 0.95 [< 0.95 ] | < 0.80 [< 0.80 ] | < 0.75 [< 0.75 ] | < 0.95 [< 0.95 ] | < 0.50 [< 0.50 ] | < 1.0 [< 1.0 ] |
| MH-1171 | STMH-1171 | 6/10/2020 | < 0.86 | < 0.19 | 0.22 J | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1171 | STMH-1171 | 9/16/2020 | 0.89 J [< 0.86 ] | < 0.19 [< 0.19 ] | < 0.16 [< 0.16 ] | < 0.15 [< 0.15 ] | < 0.19 [< 0.19 ] | < 0.10 [< 0.10 ] | < 0.20 [< 0.20 ] |
| MH-1171 | STMH-1171 | 12/15/2020 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1171 | STMH-1171 | 3/23/2021 | < 0.86 | < 0.19 | 0.39 J | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1181 | SAMH-1181 | 6/15/2020 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1181 | SAMH-1181 | 9/18/2020 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1181 | SAMH-1181 | 12/17/2020 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1181 | SAMH-1181 | 3/23/2021 | < 0.86 | < 0.19 | 0.42 J | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1210 | STMH-1210 | 6/9/2020 | < 0.86 [< 0.86 ] | < 0.19 [< 0.19 ] | < 0.16 [< 0.16 ] | < 0.15 [< 0.15 ] | < 0.19 [< 0.19 ] | < 0.10 [< 0.10 ] | < 0.20 [< 0.20 ] |
| MH-1210 | STMH-1210 | 12/16/2020 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |

See Notes on last page.

**Table 6**
**Utility Corridor Analytical Results - Liquid**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Location: | Survey ID: | Sample Date: | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|
| | | | Semi-Volatile Organic Compounds | Volatile Organic Compounds | | | | | |
| MH-1210 | STMH-1210 | 3/23/2021 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1219 | STMH-1219 | 6/16/2020 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1219 | STMH-1219 | 9/16/2020 | 0.92 J | < 0.95 | < 0.80 | < 0.75 | < 0.95 | < 0.50 | < 1.0 |
| MH-1219 | STMH-1219 | 12/16/2020 | < 0.86 | < 0.19 | < 0.16 | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| MH-1219 | STMH-1219 | 3/23/2021 | < 0.86 | < 0.19 | 0.29 J | < 0.15 | < 0.19 | < 0.10 | < 0.20 |
| SL-7 | NA | 6/10/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 7/13/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 10/7/2021 | 0.95 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 11/2/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 11/23/2021 | 12 | < 0.98 | < 0.92 | < 0.88 | < 1.0 | < 0.88 | < 0.90 |
| SL-7 | NA | 12/16/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 1/12/2022 | 0.92 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 1/19/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 1/31/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 2/15/2022 | 1.5 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 2/23/2022 | 3.8 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 3/1/2022 | 2.3 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 3/8/2022 | 1.3 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 3/15/2022 | 2.1 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 3/22/2022 | 1.4 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 3/31/2022 | 1.1 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 4/5/2022 | 5.6 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 4/12/2022 | 1.3 J | < 0.49 | < 0.46 | 3.7 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 4/19/2022 | 9.1 | < 0.49 | < 0.46 | 0.46 J | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 4/26/2022 | 3.9 | < 0.49 | < 0.46 | 0.48 J | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 5/3/2022 | 3.3 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 5/10/2022 | 2.1 | < 0.49 | < 0.46 | 1.6 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 5/17/2022 | 1.7 J | < 0.49 | 0.46 J | 14 | < 0.51 | < 0.44 | < 0.45 |
| SL-7 | NA | 5/24/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 7/13/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | 1.2 |
| SL-13 | NA | 10/7/2021 | 1.1 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 11/2/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 11/23/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 12/16/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | 0.49 J |
| SL-13 | NA | 1/12/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 1/19/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 1/31/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |

See Notes on last page.

**Table 6**
**Utility Corridor Analytical Results - Liquid**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Location: | Survey ID: | Sample Date: | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|
| | | | Semi-Volatile Organic Compounds | Volatile Organic Compounds | | | | | |
| SL-13 | NA | 2/15/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 2/23/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 3/1/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 3/8/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 3/15/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 3/22/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 3/31/2022 | < 0.86 | < 0.49 | 0.50 J | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 4/5/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 4/12/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 4/19/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 4/26/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 5/3/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 5/10/2022 | 1.1 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 5/17/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-13 | NA | 5/24/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 7/13/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 10/7/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 11/2/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 11/23/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 12/16/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 1/12/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 1/19/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 1/31/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 2/15/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 2/23/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 3/1/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 3/8/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 3/15/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 3/22/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 3/31/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 4/5/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 4/12/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 4/19/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 4/26/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 5/3/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 5/10/2022 | 0.91 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 5/17/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-14 | NA | 5/24/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 7/13/2021 | 1.7 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |

See Notes on last page.

**Table 6**
**Utility Corridor Analytical Results - Liquid**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Location: | Survey ID: | Sample Date: | 1,4-Dioxane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|
| | | | Semi-Volatile Organic Compounds | Volatile Organic Compounds | | | | | |
| SL-15 | NA | 10/7/2021 | 1.3 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 11/2/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 11/23/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 12/16/2021 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 1/12/2022 | 0.94 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 1/19/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 1/31/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 2/15/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 2/23/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 3/1/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 3/8/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 3/15/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 3/22/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 3/30/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 4/5/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 4/12/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 4/19/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 4/26/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 5/3/2022 | < 1.7 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 5/10/2022 | 1.8 J | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 5/17/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |
| SL-15 | NA | 5/24/2022 | < 0.86 | < 0.49 | < 0.46 | < 0.44 | < 0.51 | < 0.44 | < 0.45 |

See Notes on last page.

**Table 6**
**Utility Corridor Analytical Results - Liquid**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

**Note:**

All results are reported in micrograms per liter (µg/L).

**Abbreviations and Data Qualifiers:**

| | |
|---|---|
| [ ] | duplicate sample result |
| < | not detected above method detection limit |
| EGLE | Michigan Department of Environment, Great Lakes, and Energy |
| ID | identification |
| J | estimated result |
| MH | manhole |
| NA | not available/not applicable |
| R | sample result rejected due to analysis conducted outside of hold time |
| SAMH | sanitary manhole |
| SL | sample location |
| STMH | storm manhole |

**Analytical Methods:**

8260B Selected Ion Monitoring (SIM) for Semi-Volatile Organic Compounds (SVOCs)
8260B for Volatile Organic Compounds (VOCs)

**Table 7**
**Utility Corridor Analytical Results - Sediment**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Location: | Survey ID: | Sample Date: | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|
| | | | Volatile Organic Compounds | | | | | | |
| MH-1020 | SAMH-1020 | 43998 | < 33 | < 2,300 | < 19 | < 37 | < 21 | < 23 | < 25 |
| MH-1122 | SAMH-1122 | 44182 | < 34 | < 2,300 | < 19 | < 39 | < 22 | < 24 | < 26 |

**Note:**
All results are reported in micrograms per kilogram (µg/Kg).
Samples were analyzed for Volatile Organic Compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260B .

**Abbreviations and Data Qualifiers:**

| | |
|---|---|
| < | not detected above method detection limit. |
| EGLE | Michigan Department of Environment, Great Lakes, and Energy |
| ID | Identification |
| MH | Manhole |
| SAMH | Sanitary Manhole |

**Table 8**
**Utility Corridor Analytical Results - Vapor**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Volatile Organic Compounds (VOCs) | | | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|
| EGLE Residential SSVIAC | | | 210 | 5.1 | 8.3 | 41 | 83 | 2.0 | 1.6 |
| Location: | Survey ID: | Sample Date: | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ |
| MH-1001 | STMH-1001 | 6/10/2020 | < 2.0 | < 5.2 | < 1.5 | < 2.8 | < 1.2 | **26** | < 0.67 |
| MH-1001 | STMH-1001 | 9/15/2020 | < 1.3 | < 2.9 | < 1.6 | < 1.9 | **2.1 J** | < 1.8 | < 0.84 |
| MH-1001 | STMH-1001 | 12/16/2020 | < 0.70 | < 1.2 | < 0.79 | < 0.90 | < 1.1 | < 0.95 | < 0.57 |
| MH-1001 | STMH-1001 | 3/23/2021 | < 1.4 | < 2.2 | **7.5** | < 1.1 | < 1.1 | < 0.81 | < 0.67 |
| MH-1020 | SAMH-1020 | 6/16/2020 | < 1.9 | < 4.9 | < 1.4 | < 2.6 | < 1.1 | < 1.8 | < 0.63 |
| MH-1020 | SAMH-1020 | 9/18/2020 | < 1.2 | < 0.89 | < 0.68 | < 1.0 | < 1.1 | < 0.55 | < 0.46 |
| MH-1020 | SAMH-1020 | 12/17/2020 | < 1.6 | < 2.6 | < 1.7 | < 1.3 | < 1.2 | < 0.94 | < 0.78 |
| MH-1020 | SAMH-1020 | 3/24/2021 | < 1.5 | < 3.9 | < 1.1 | < 2.1 | < 0.88 | < 1.4 | < 0.51 |
| MH-1041 | STMH-1041 | 6/9/2020 | < 1.9 | < 5.1 | < 1.5 | < 2.7 | < 1.1 | **47** | < 0.66 |
| MH-1041 | STMH-1041 | 9/15/2020 | < 1.3 [< 1.2 ] | < 2.9 [< 2.7 ] | < 1.6 [< 1.5 ] | < 1.9 [< 1.7 ] | < 1.8 [< 1.6 ] | < 1.8 [< 1.6 ] | < 0.85 [< 0.77 ] |
| MH-1041 | STMH-1041 | 12/15/2020 | < 0.69 | < 1.2 | < 0.78 | < 0.89 | < 1.1 | < 0.94 | < 0.56 |
| MH-1041 | STMH-1041 | 3/23/2021 | < 1.4 | < 2.3 | < 1.6 | < 1.2 | < 1.1 | < 0.84 | < 0.70 |
| MH-1043 | SAMH-1043 | 6/16/2020 | < 1.9 | < 4.9 | < 1.4 | < 2.6 | < 1.1 | < 1.8 | < 0.64 |
| MH-1043 | SAMH-1043 | 9/18/2020 | < 0.73 | < 1.3 | < 0.83 | < 0.94 | < 1.2 | < 0.99 | < 0.59 |
| MH-1043 | SAMH-1043 | 12/17/2020 | < 1.7 | < 2.7 | < 1.8 | **2.9 J** | < 1.3 | < 1.0 | < 0.83 |
| MH-1043 | SAMH-1043 | 3/24/2021 | < 1.5 | < 2.4 | < 1.6 | < 1.2 | < 1.2 | < 0.88 | < 0.73 |
| MH-1066 | STMH-1066 | 6/9/2020 | < 2.0 | < 5.2 | < 1.5 | < 2.8 | < 1.2 | < 1.9 | < 0.68 |
| MH-1066 | STMH-1066 | 9/16/2020 | < 1.2 | < 2.8 | < 1.5 | < 1.8 | < 1.7 | < 1.7 | < 0.80 |
| MH-1066 | STMH-1066 | 12/15/2020 | < 0.71 | < 1.3 | < 0.81 | < 0.92 | < 1.2 | < 0.97 | < 0.58 |
| MH-1066 | STMH-1066 | 3/23/2021 | < 1.4 | < 2.3 | < 1.5 | < 1.2 | < 1.1 | < 0.83 | < 0.69 |
| MH-1067 | SAMH-1067 | 6/16/2020 | < 1.8 | < 4.6 | < 1.4 | < 2.5 | < 1.0 | **97** | < 0.60 |
| MH-1067 | SAMH-1067 | 9/18/2020 | < 1.1 | < 0.79 | < 0.60 | < 0.91 | < 0.97 | < 0.49 | < 0.40 |
| MH-1067 | SAMH-1067 | 12/17/2020 | < 1.6 | < 2.7 | < 1.8 | **22** | < 1.3 | < 0.98 | < 0.81 |
| MH-1067 | SAMH-1067 | 3/24/2021 | < 1.5 | < 2.5 | < 1.7 | < 1.3 | < 1.2 | < 0.91 | < 0.76 |
| MH-1082 | SAMH-1082 | 6/15/2020 | < 1.8 | < 4.6 | < 1.3 | < 2.5 | < 1.0 | **3.7 J** | < 0.60 |
| MH-1082 | SAMH-1082 | 9/18/2020 | < 0.68 | < 1.2 | < 0.76 | < 0.87 | < 1.1 | < 0.92 | < 0.55 |
| MH-1082 | SAMH-1082 | 12/17/2020 | < 1.6 | < 2.6 | < 1.8 | **20** | < 1.3 | **2.5 J** | < 0.80 |
| MH-1082 | SAMH-1082 | 3/24/2021 | < 1.4 | < 2.4 | < 1.6 | < 1.2 | < 1.1 | < 0.86 | < 0.72 |
| MH-1088 | STMH-1088 | 6/9/2020 | < 1.9 | < 5.1 | < 1.5 | < 2.7 | < 1.1 | < 1.9 | < 0.66 |
| MH-1088 | STMH-1088 | 9/16/2020 | < 1.3 | < 2.9 | < 1.6 | < 1.9 | < 1.8 | < 1.8 | < 0.83 |

See Notes on last page.

**Table 8**
**Utility Corridor Analytical Results - Vapor**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Volatile Organic Compounds (VOCs) | | | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|
| EGLE Residential SSVIAC | | | 210 | 5.1 | 8.3 | 41 | 83 | 2.0 | 1.6 |
| Location: | Survey ID: | Sample Date: | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ |
| MH-1088 | STMH-1088 | 12/15/2020 | < 0.69 | < 1.2 | < 0.78 | < 0.89 | < 1.1 | < 0.94 | < 0.56 |
| MH-1088 | STMH-1088 | 3/23/2021 | < 1.3 | < 2.2 | < 1.5 | < 1.1 | < 1.0 | < 0.79 | < 0.66 |
| MH-1096 | SAMH-1096 | 6/15/2020 | < 1.9 | < 5.1 | < 1.5 | < 2.7 | < 1.1 | < 1.8 | < 0.66 |
| MH-1096 | SAMH-1096 | 9/18/2020 | < 1.3 | < 0.91 | < 0.70 | < 1.0 | < 1.1 | < 0.56 | < 0.47 |
| MH-1096 | SAMH-1096 | 12/16/2020 | < 0.68 [< 1.5 ] | < 1.2 [< 2.5 ] | < 0.77 [< 1.7 ] | < 0.88 [**2.4 J**] | < 1.1 [< 1.2 ] | < 0.93 [< 0.90 ] | < 0.55 [< 0.75 ] |
| MH-1096 | SAMH-1096 | 3/22/2021 | < 1.5 | < 4.0 | < 1.2 | < 2.2 | < 0.90 | < 1.5 | < 0.52 |
| MH-1113 | SAMH-1113 | 6/15/2020 | < 2.0 | < 5.2 | < 1.5 | < 2.8 | < 1.2 | < 1.9 | < 0.68 |
| MH-1113 | SAMH-1113 | 9/17/2020 | < 1.3 | < 2.8 | < 1.6 | < 1.8 | < 1.8 | < 1.7 | < 0.82 |
| MH-1113 | SAMH-1113 | 12/16/2020 | < 0.71 | < 1.3 | < 0.81 | < 0.92 | < 1.2 | < 0.97 | < 0.58 |
| MH-1113 | SAMH-1113 | 3/23/2021 | < 1.4 | < 3.6 | < 1.1 | **2.6 J** | < 0.82 | < 1.3 | < 0.48 |
| MH-1116 | SAMH-1116 | 6/15/2020 | < 1.7 | < 4.4 | < 1.3 | < 2.4 | < 0.99 | **44** | < 0.57 |
| MH-1116 | SAMH-1116 | 9/17/2020 | < 1.4 | < 3.2 | < 1.7 | < 2.0 | < 2.0 | < 1.9 | < 0.91 |
| MH-1116 | SAMH-1116 | 12/17/2020 | < 0.71 | < 1.3 | < 0.81 | **1.2 J** | < 1.2 | < 0.97 | < 0.58 |
| MH-1116 | SAMH-1116 | 3/23/2021 | < 1.4 | < 3.8 | < 1.1 | < 2.0 | < 0.84 | < 1.4 | < 0.49 |
| MH-1122 | SAMH-1122 | 6/10/2020 | < 1.8 | < 4.7 | **6.4** | **9.4** | **5.1 J** | **25** | < 0.61 |
| MH-1122 | SAMH-1122 | 9/16/2020 | < 4.5 | < 10 | < 5.5 | < 6.5 | < 6.2 | < 6.1 | < 2.9 |
| MH-1122 | SAMH-1122 | 12/17/2020 | < 1.6 | < 2.6 | < 1.8 | < 1.4 | < 1.3 | < 0.96 | < 0.80 |
| MH-1122 | SAMH-1122 | 3/24/2021 | < 1.4 | < 3.7 | < 1.1 | < 2.0 | < 0.84 | < 1.4 | < 0.49 |
| MH-1123 | SAMH-1123 | 6/15/2020 | < 2.0 | < 5.2 | < 1.5 | < 2.8 | < 1.2 | < 1.9 | < 0.68 |
| MH-1123 | SAMH-1123 | 9/17/2020 | < 1.3 | < 3.0 | < 1.6 | < 8.8 UB | < 1.8 | < 7.0 UB | < 0.86 |
| MH-1123 | SAMH-1123 | 12/17/2020 | < 1.6 | < 2.6 | < 1.8 | < 1.4 | < 1.3 | < 0.96 | < 0.80 |
| MH-1123 | SAMH-1123 | 3/23/2021 | < 1.4 | < 3.8 | < 1.1 | < 2.0 | < 0.85 | < 1.4 | < 0.49 |
| MH-1171 | STMH-1171 | 6/10/2020 | < 1.9 | < 4.9 | **79** | < 2.6 | < 1.1 | **67** | < 0.64 |
| MH-1171 | STMH-1171 | 9/16/2020 | < 1.3 | < 3.0 | **6.1** | < 1.9 | < 1.8 | < 1.8 | **3.3** |
| MH-1171 | STMH-1171 | 12/15/2020 | < 0.69 | < 1.2 | < 0.78 | < 0.89 | < 1.1 | < 0.94 | < 0.56 |
| MH-1171 | STMH-1171 | 3/23/2021 | < 1.4 | < 2.3 | **40** | < 1.2 | < 1.1 | **1.7 J** | **1.8 J** |
| MH-1181 | SAMH-1181 | 6/15/2020 | < 1.7 | < 4.5 | < 1.3 | < 2.4 | < 1.0 | < 1.6 | < 0.59 |
| MH-1181 | SAMH-1181 | 9/18/2020 | < 1.3 | < 0.92 | < 0.70 | < 1.1 | < 1.1 | < 0.57 | < 0.47 |
| MH-1181 | SAMH-1181 | 12/17/2020 | < 1.5 | < 2.5 | < 1.7 | **1.4 J** | < 1.2 | < 0.92 | < 0.77 |
| MH-1181 | SAMH-1181 | 3/23/2021 | < 1.5 | < 4.0 | < 1.2 | < 2.1 | < 0.89 | < 1.4 | < 0.52 |

See Notes on last page.

**Table 8**
**Utility Corridor Analytical Results - Vapor**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Volatile Organic Compounds (VOCs) | | | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|
| EGLE Residential SSVIAC | | | 210 | 5.1 | 8.3 | 41 | 83 | 2.0 | 1.6 |
| Location: | Survey ID: | Sample Date: | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ |
| MH-1210 | STMH-1210 | 6/10/2020 | < 2.0 [< 1.8 ] | < 5.3 [< 4.6 ] | < 1.6 [< 1.3 ] | < 2.8 [< 2.5 ] | < 1.2 [< 1.0 ] | **6.7 J [4.6 J]** | < 0.69 [< 0.60 ] |
| MH-1210 | STMH-1210 | 9/16/2020 | < 1.3 | < 2.9 | **4.0 J** | < 1.9 | < 1.8 | < 1.8 | < 0.84 |
| MH-1210 | STMH-1210 | 12/16/2020 | < 0.71 | < 1.3 | **5.2** | **4.5 J** | < 1.2 | < 0.97 | < 0.58 |
| MH-1210 | STMH-1210 | 3/23/2021 | < 1.4 | < 2.2 | < 1.5 | < 1.2 | < 1.1 | < 0.82 | < 0.68 |
| MH-1219 | STMH-1219 | 6/16/2020 | < 1.8 | < 4.7 | **31** | < 2.5 | < 1.0 | < 1.7 | < 0.61 |
| MH-1219 | STMH-1219 | 9/16/2020 | < 17 | **41 J** | < 21 | < 24 | < 23 | < 23 | < 11 |
| MH-1219 | STMH-1219 | 12/16/2020 | < 0.66 | < 1.2 | < 0.75 | < 0.85 | < 1.1 | < 0.90 | < 0.54 |
| MH-1219 | STMH-1219 | 3/23/2021 | < 1.5 [< 1.4 ] | **7.3 J** [< 2.2 ] | **7.3 [5.7 ]** | < 1.2 [< 1.1 ] | < 1.2 [< 1.1 ] | < 0.88 [< 0.80 ] | < 0.73 [< 0.67 ] |
| SL-7 | NA | 6/10/2021 | < 4.7 | < 4.0 | **20** | < 3.7 | < 3.7 | **28** | **12** |
| SL-7 | NA | 7/13/2021 | **3.6 J** | < 0.98 | **610** | **2.3 J** | **8.6** | **380** | **420** |
| SL-7 | NA | 10/7/2021 | < 11 | < 8.2 | < 8.8 | < 9.0 | < 9.9 | < 12 | < 9.6 |
| SL-7 | NA | 11/2/2021 | < 2.1 | < 1.6 | < 1.6 | < 1.7 | < 1.9 | < 2.3 | < 1.8 |
| SL-7 | NA | 11/23/2021 | < 2.1 | < 1.6 | < 1.6 | < 1.7 | < 1.9 | < 2.3 | < 1.8 |
| SL-7 | NA | 12/16/2021 | < 2.2 | < 1.6 | < 1.8 | < 1.8 | < 2.0 | **2.6 J** | < 1.9 |
| SL-7 | NA | 1/12/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-7 | NA | 1/19/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-7 | NA | 1/31/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-7 | NA | 2/15/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-7 | NA | 2/23/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | **0.71 J** | < 1.1 | < 0.51 |
| SL-7 | NA | 3/1/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-7 | NA | 3/8/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | **0.70 J** | **1.0 J** | < 0.46 |
| SL-7 | NA | 3/15/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-7 | NA | 3/22/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-7 | NA | 3/31/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-7 | NA | 4/5/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-7 | NA | 4/12/2022 | < 0.60 | < 0.60 | < 0.58 | **29** | < 0.62 | < 0.72 | < 0.46 |
| SL-7 | NA | 4/19/2022 | < 0.60 | < 0.60 | < 0.58 | **1.5** | < 0.62 | < 0.72 | < 0.46 |
| SL-7 | NA | 4/26/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-7 | NA | 5/3/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-7 | NA | 5/10/2022 | < 0.60 | < 0.60 | < 0.58 | **16** | < 0.62 | **0.73 J** | < 0.46 |

See Notes on last page.

**Table 8**
**Utility Corridor Analytical Results - Vapor**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Volatile Organic Compounds (VOCs) | | | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|
| EGLE Residential SSVIAC | | | 210 | 5.1 | 8.3 | 41 | 83 | 2.0 | 1.6 |
| Location: | Survey ID: | Sample Date: | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ |
| SL-7 | NA | 5/17/2022 | < 0.60 | < 0.60 | **13** | **510** | < 0.62 | **12** | **1.6** |
| SL-7 | NA | 5/24/2022 | < 0.60 | < 0.60 | **4.0** | **78** | < 0.62 | **9.2** | **1.7** |
| SL-13 | NA | 7/13/2021 | < 1.2 | **2.9 J** | **7.1** | **2.9 J** | < 0.94 | **5.3 J** | **3.1** |
| SL-13 | NA | 10/7/2021 | < 22 | < 16 | < 17 | < 18 | < 20 | < 24 | < 19 |
| SL-13 | NA | 11/2/2021 | < 2.1 | < 1.6 | < 1.6 | < 1.7 | < 1.9 | < 2.3 | < 1.8 |
| SL-13 | NA | 11/23/2021 | < 2.2 | < 1.6 | < 1.7 | < 1.8 | < 2.0 | < 2.4 | < 1.9 |
| SL-13 | NA | 12/16/2021 | < 2.2 | < 1.6 | < 1.8 | < 1.8 | < 2.0 | < 2.5 | < 1.9 |
| SL-13 | NA | 1/12/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-13 | NA | 1/19/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-13 | NA | 1/31/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-13 | NA | 2/15/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-13 | NA | 2/23/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-13 | NA | 3/1/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-13 | NA | 3/8/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | **0.73 J** | **1.5** | < 0.51 |
| SL-13 | NA | 3/15/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-13 | NA | 3/22/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-13 | NA | 3/31/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-13 | NA | 4/5/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | **2.0** | < 0.46 |
| SL-13 | NA | 4/12/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-13 | NA | 4/19/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-13 | NA | 4/26/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-13 | NA | 5/3/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-13 | NA | 5/10/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | **1.3** |
| SL-13 | NA | 5/17/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-13 | NA | 5/24/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-14 | NA | 7/13/2021 | < 1.2 | **2.4 J** | **1.5 J** | < 0.93 | < 0.94 | **4.0 J** | **9.1** |
| SL-14 | NA | 10/7/2021 | < 22 | < 17 | < 18 | < 18 | < 20 | < 25 | < 20 |
| SL-14 | NA | 11/2/2021 | < 2.2 | < 1.6 | < 1.8 | < 1.8 | < 2.0 | < 2.4 | < 1.9 |
| SL-14 | NA | 11/23/2021 | < 2.2 | < 1.7 | < 1.8 | < 1.8 | < 2.0 | < 2.5 | < 1.9 |
| SL-14 | NA | 12/16/2021 | < 2.3 | < 1.7 | **2.5 J** | < 1.9 | < 2.1 | < 2.6 | **5.9** |

See Notes on last page.

**Table 8**
**Utility Corridor Analytical Results - Vapor**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Volatile Organic Compounds (VOCs) | | | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|
| EGLE Residential SSVIAC | | | 210 | 5.1 | 8.3 | 41 | 83 | 2.0 | 1.6 |
| Location: | Survey ID: | Sample Date: | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ |
| SL-14 | NA | 1/12/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-14 | NA | 1/19/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-14 | NA | 1/31/2022 | < 0.79 | < 7.2 | < 0.79 | **0.41 J** | < 0.79 | < 1.1 | < 0.51 |
| SL-14 | NA | 2/15/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-14 | NA | 2/23/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-14 | NA | 3/1/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-14 | NA | 3/8/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | **0.75 J** | **1.0 J** | < 0.51 |
| SL-14 | NA | 3/15/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-14 | NA | 3/22/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-14 | NA | 3/31/2022 | < 0.60 | < 0.60 | < 0.58 | **1.7** | < 0.62 | < 0.72 | < 0.46 |
| SL-14 | NA | 4/5/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | **1.1** | < 0.46 |
| SL-14 | NA | 4/12/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-14 | NA | 4/19/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-14 | NA | 4/26/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-14 | NA | 5/3/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-14 | NA | 5/10/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | **0.87** |
| SL-14 | NA | 5/17/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-14 | NA | 5/24/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-15 | NA | 7/13/2021 | < 1.2 | **2.3 J** | < 1.4 | < 0.93 | < 0.94 | **1.9 J** | **1.8 J** |
| SL-15 | NA | 10/7/2021 | < 9.3 | < 6.9 | < 7.4 | < 7.6 | < 8.3 | < 10 | < 8.1 |
| SL-15 | NA | 11/2/2021 | < 2.1 | < 1.6 | < 1.7 | < 1.7 | < 1.9 | < 2.4 | < 1.8 |
| SL-15 | NA | 11/23/2021 | < 2.1 | < 1.6 | < 1.7 | < 1.7 | < 1.9 | < 2.4 | < 1.8 |
| SL-15 | NA | 12/16/2021 | < 2.3 | < 1.7 | < 1.8 | < 1.8 | < 2.0 | < 2.5 | < 2.0 |
| SL-15 | NA | 1/12/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-15 | NA | 1/19/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-15 | NA | 1/31/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-15 | NA | 2/15/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-15 | NA | 2/23/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-15 | NA | 3/1/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | < 0.79 | < 1.1 | < 0.51 |
| SL-15 | NA | 3/8/2022 | < 0.79 | < 7.2 | < 0.79 | < 1.4 | **1.3** | **0.90 J** | < 0.51 |

See Notes on last page.

**Table 8**
**Utility Corridor Analytical Results - Vapor**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

| Volatile Organic Compounds (VOCs) | | | 1,1-Dichloroethene | 1,4-Dioxane | cis-1,2-Dichloroethene | Tetrachloroethene | trans-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
|---|---|---|---|---|---|---|---|---|---|
| EGLE Residential SSVIAC | | | 210 | 5.1 | 8.3 | 41 | 83 | 2.0 | 1.6 |
| Location: | Survey ID: | Sample Date: | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ | µg/m$^3$ |
| SL-15 | NA | 3/15/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-15 | NA | 3/22/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-15 | NA | 3/31/2022 | < 0.60 | < 0.60 | **0.62 J** | < 1.0 | < 0.62 | < 0.72 | **2.7** |
| SL-15 | NA | 4/5/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | **0.90 J** | < 0.46 |
| SL-15 | NA | 4/12/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-15 | NA | 4/19/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-15 | NA | 4/26/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-15 | NA | 5/3/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-15 | NA | 5/10/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-15 | NA | 5/17/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |
| SL-15 | NA | 5/24/2022 | < 0.60 | < 0.60 | < 0.58 | < 1.0 | < 0.62 | < 0.72 | < 0.46 |

See Notes on last page.

**Table 8**
**Utility Corridor Analytical Results - Vapor**
**Ford Livonia Transmission Plant**
**36200 Plymouth Road**
**Livonia, Michigan**

**Notes:**

All results reported in micrograms per cubic meter (µg/$m^3$).
**Bold** result is a detection that does not exceed the criteria.
**Bold**
and
shaded

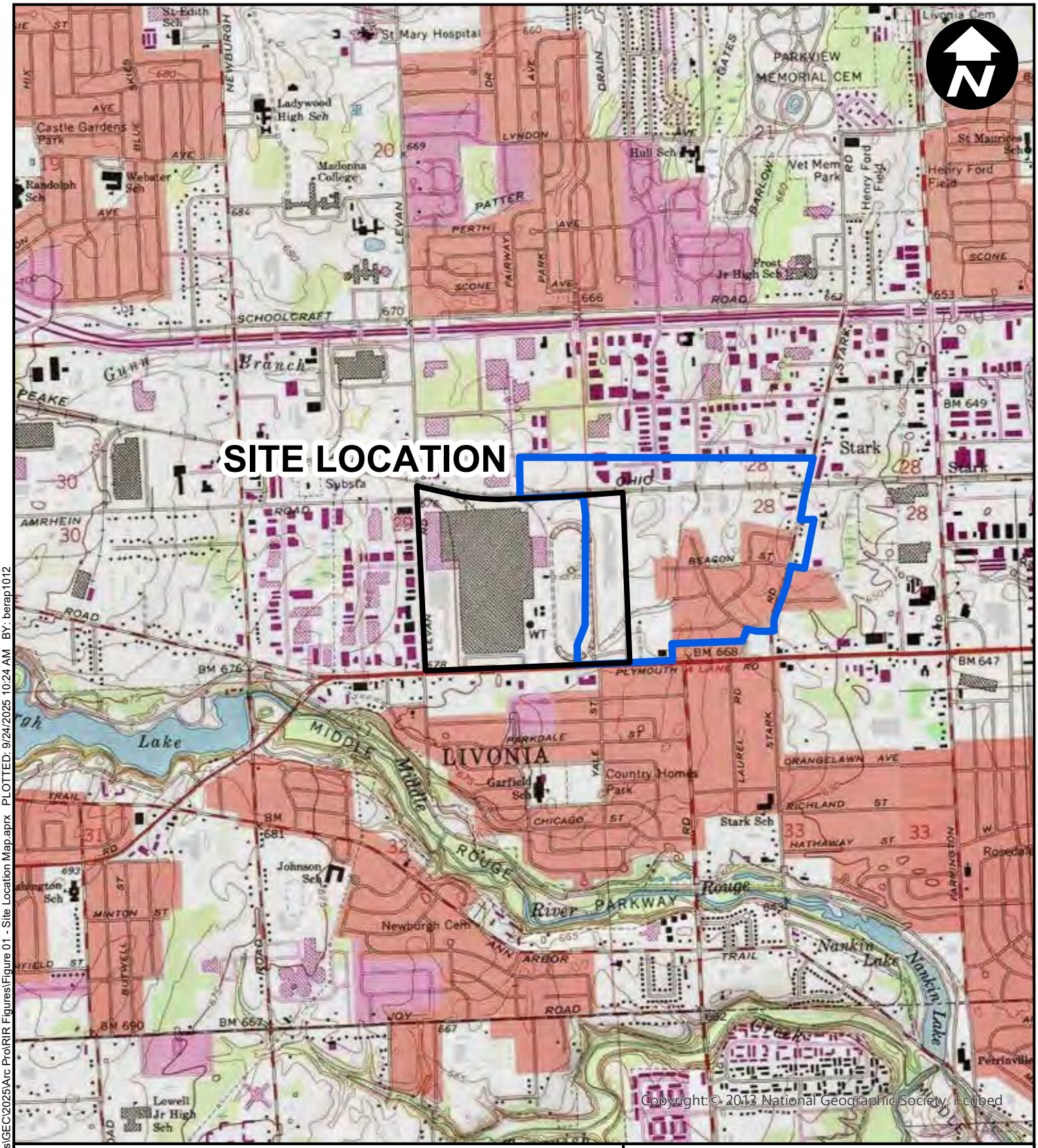
**Abbreviations and Data Qualifiers:**

| | |
|---|---|
| [ ] | duplicate sample result |
| < | not detected above reporting limit or method detection limit |
| EGLE | Michigan Department of Environment, Great Lakes, and Energy |
| ID | identification |
| J | estimated result |
| MH | manhole |
| NA | not available/not applicable |
| SAMH | sanitary manhole |
| SL | sample location |
| STMH | storm manhole |
| UB | analyte considered non-detect at the listed value due to associated blank contamination |

**Analytical Method:**

All samples were analyzed via United States Environmental Protection Agency (USEPA) Method TO-15.

# Figures




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0 2,000 4,000

SCALE IN FEET

**LEGEND**

AREA OF CONCERN

LIVONIA TRANSMISSION PLANT SITE BOUNDARY

NOTES:
USGS = UNITED STATES GEOLOGICAL SURVEY

SOURCE:
USGS 7.5 MINUTE TOPOGRAPHIC MAP
NORTHVILLE AND WAYNE QUADRANGLES

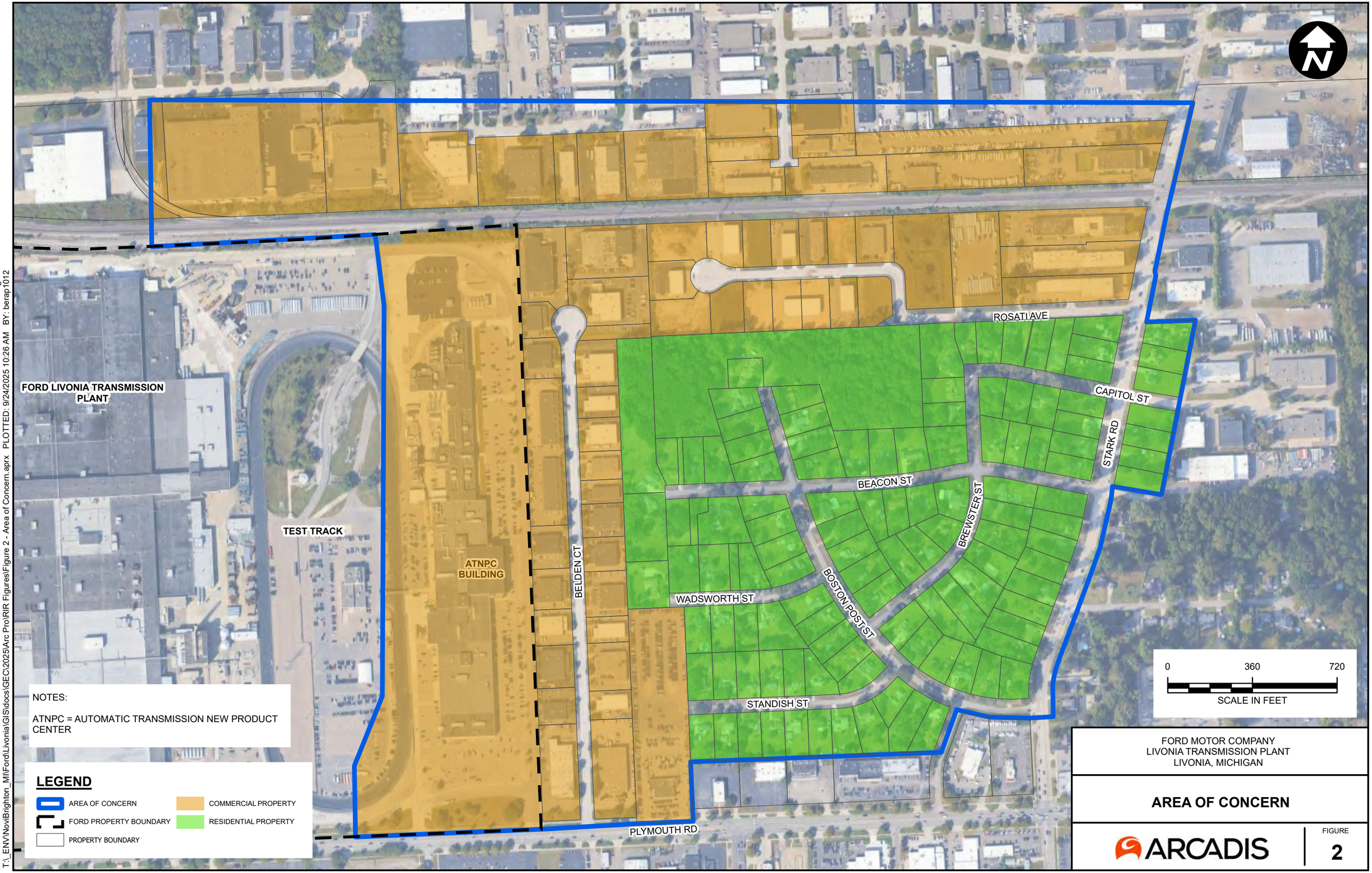
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# SITE LOCATION MAP

ARCADIS

FIGURE
1

CITY: Novi DIV: ENV DB: MG PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:\ ENV\NoviBrighton_MI\Ford\LivoniaGI\Sdocs\GEC2025\Arc Pro\RIR Figures\Figure 01 - Site Location Map.aprx PLOTTED: 9/24/2025 10:24 AM BY: berap1012




NOTES:

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

**LEGEND**

- AREA OF CONCERN
- FORD PROPERTY BOUNDARY
- PROPERTY BOUNDARY
- COMMERCIAL PROPERTY
- RESIDENTIAL PROPERTY

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# AREA OF CONCERN

ARCADIS

FIGURE 2

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 2 - Area of Concern.aprx PLOTTED: 9/24/2025 10:26 AM BY: berap1012

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 03 - Historical Extent of VC in Groundwater.aprx PLOTTED: 29/10/2025 20:11 BY: sbi01179

NOTES:

ALL NON-DETECT GROUNDWATER VALUES WERE ASSUMED TO BE HALF OF THE DETECTION LIMIT FOR CONTOURING.

VINYL CHLORIDE RESULTS SHOWN IN µg/L RANGE FROM JUNE 2015 THROUGH MAY 2017 WITH THE MAXIMUM CONCENTRATION DISPLAYED WHERE MULTIPLE SAMPLING EVENTS OR DEPTH INTERVALS WERE AVAILABLE. HISTORICAL GROUNDWATER RESULTS FROM 2015 ARE SHOWN IN APPENDIX C AND THE FULL RANGE OF GROUNDWATER ANALYTICAL RESULTS BETWEEN 2016 TO MAY 2017 ARE SHOWN IN TABLES 1 AND 2.

NON-DETECT RESULTS ARE COLOR CODED BASED ON THE MAGNITUDE OF THE REPORTING LIMIT.

THE RESIDENTIAL AND NONRESIDENTIAL EGLE PART 201 DRINKING WATER CRITERIA FOR VINYL CHLORIDE IS 2.0 µg/L.

THE EGLE PROVIDED SITE-SPECIFIC RESIDENTIAL VOLATILIZATION TO INDOOR AIR CRITERIA (VIAC) FOR GROUNDWATER IN CONTACT (GWIC) FOR VINYL CHLORIDE IS 0.12 µg/L. THIS SCREENING LEVEL IS BELOW THE TARGET DETECTION LIMIT FOR VINYL CHLORIDE OF 1 µg/L. A TARGET DETECTION LIMIT OF 1 µg/L HAS BEEN USED

VOCS ANALYZED USING USEPA METHOD 8260 OR 8265. USEPA 8265 RESULTS REPORTED AS SUM OF VINYL CHLORIDE + 1,2-DICHLOROETHANE. POSTED USEPA 8265 RESULTS ASSUME CONCENTRATION IS ENTIRELY VINYL CHLORIDE.

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

HPT = HYDRAULIC PROFILING TOOL

J = ESTIMATED CONCENTRATION

MW = MONITORING WELL

ND = NON-DETECT

PW = PUMPING WELL

TW = TEST WELL

USEPA = UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

VAP = VERTICAL AQUIFER PROFILE

VC = VINYL CHLORIDE

µg/L = MICROGRAMS PER LITER (PARTS PER BILLION)

< = VINYL CHLORIDE WAS NOT DETECTED ABOVE THE REPORTING LIMIT

> = GREATER THAN

ROSATI AVE
BEACON ST
CAPITOL ST
ATNPC BUILDING
WADSWORTH ST
BREWSTER ST
STARK RD
BELDEN CT
STANDISH ST
BOSTON POST ST
PLYMOUTH RD

**LEGEND**

VC - GROUNDWATER
HPT/VAP BORING
- ND - 1.0 µg/L
- 1.1 - 2.0 µg/L
- 2.1 - 10 µg/L
- 10 - 100 µg/L
- >100 µg/L

MONITORING WELL LOCATION
- ND - 1.0 µg/L
- 1.1 - 2.0 µg/L
- 2.1 - 10 µg/L
- 10 - 100 µg/L
- >100 µg/L

VC - GROUNDWATER
- 1 - 2 µg/L
- 10 - 100 µg/L
- 2 - 10 µg/L
- >100 µg/L
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN

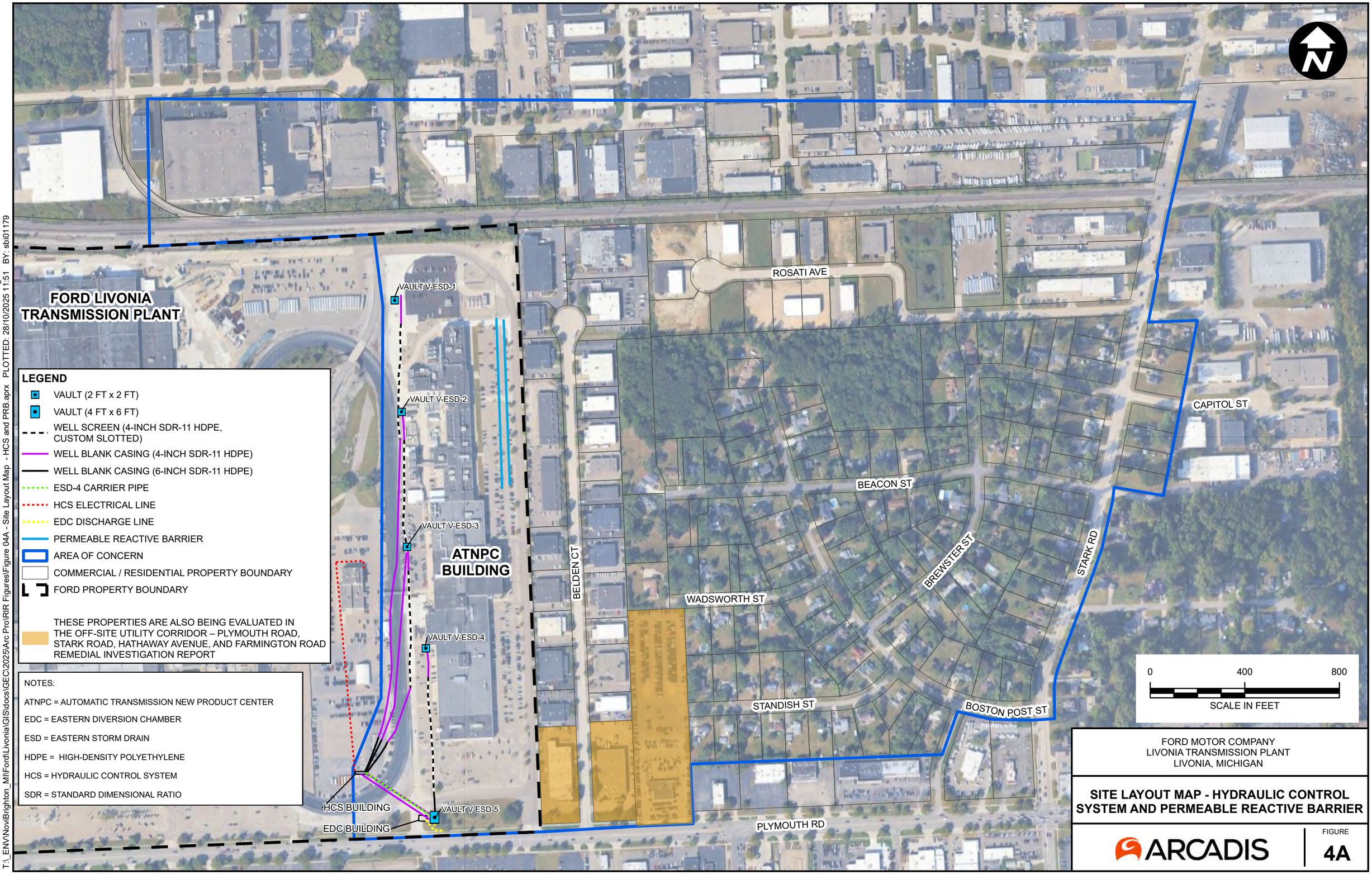
0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# HISTORICAL EXTENT OF VINYL CHLORIDE IN GROUNDWATER (JUNE 2015 - MAY 2017)

ARCADIS

FIGURE 3




CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 04A - Site Layout Map - HCS and PRB.aprx PLOTTED: 28/10/2025 11:51 BY: sbi01179

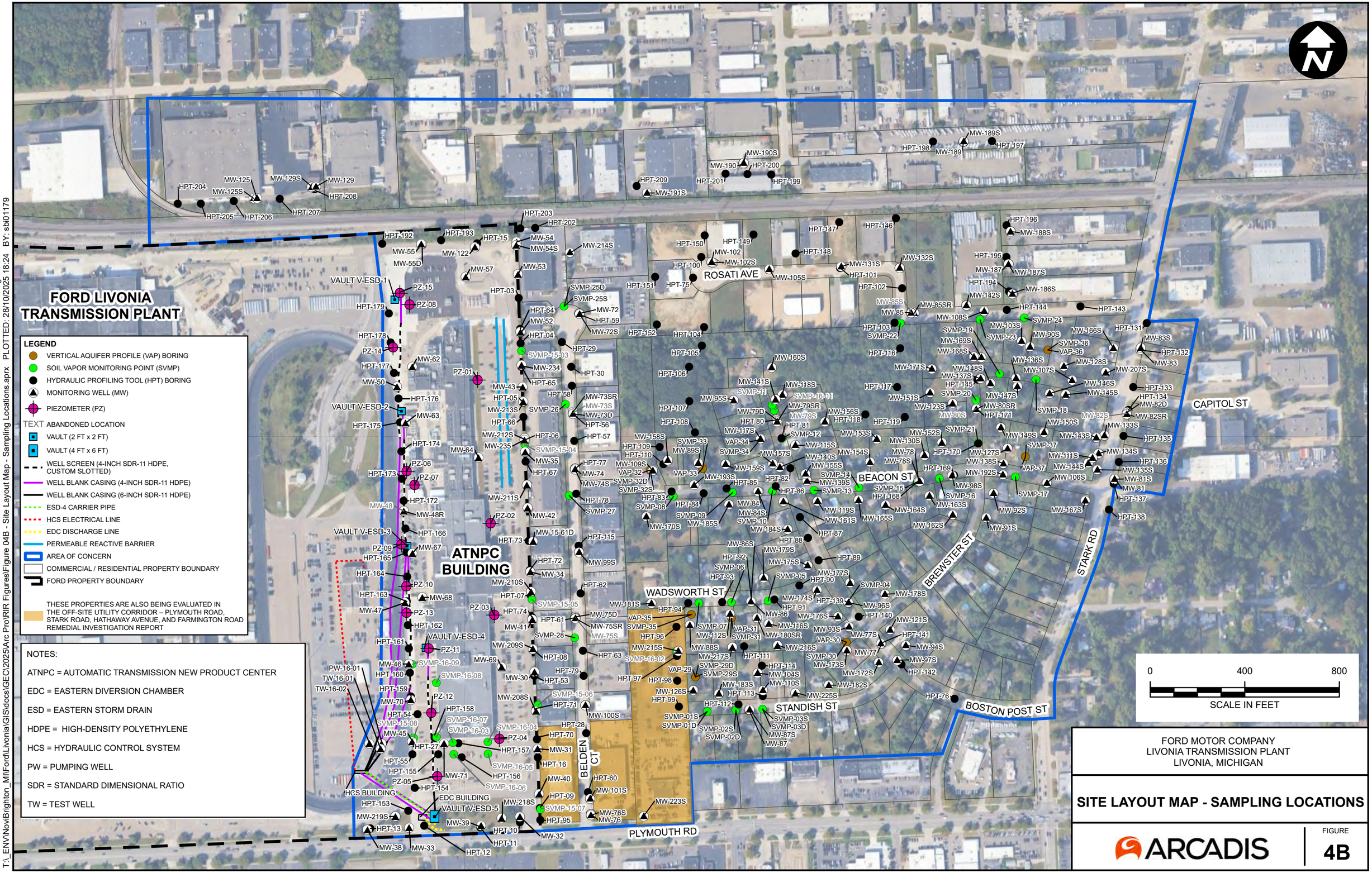
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# SITE LAYOUT MAP - HYDRAULIC CONTROL SYSTEM AND PERMEABLE REACTIVE BARRIER

ARCADIS

FIGURE
4A

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 04B - Site Layout Map - Sampling Locations.aprx PLOTTED: 28/10/2025 18:24 BY: sbi01179




**LEGEND**

- VERTICAL AQUIFER PROFILE (VAP) BORING
- SOIL VAPOR MONITORING POINT (SVMP)
- HYDRAULIC PROFILING TOOL (HPT) BORING
- MONITORING WELL (MW)
- PIEZOMETER (PZ)
- TEXT ABANDONED LOCATION
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- AREA OF CONCERN
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY

THESE PROPERTIES ARE ALSO BEING EVALUATED IN THE OFF-SITE UTILITY CORRIDOR – PLYMOUTH ROAD, STARK ROAD, HATHAWAY AVENUE, AND FARMINGTON ROAD REMEDIAL INVESTIGATION REPORT

NOTES:

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC = EASTERN DIVERSION CHAMBER

ESD = EASTERN STORM DRAIN

HDPE = HIGH-DENSITY POLYETHYLENE

HCS = HYDRAULIC CONTROL SYSTEM

PW = PUMPING WELL

SDR = STANDARD DIMENSIONAL RATIO

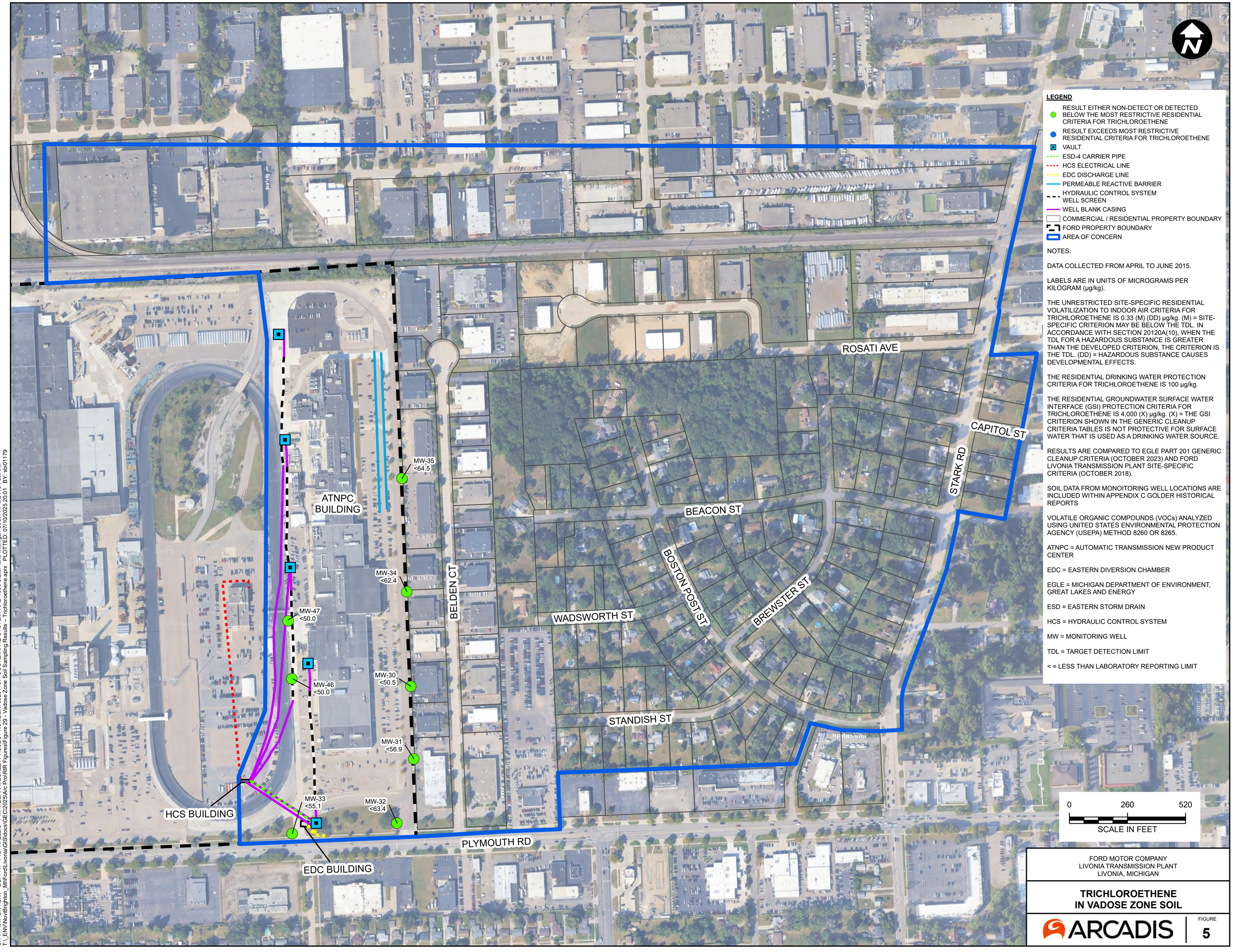
TW = TEST WELL

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LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# SITE LAYOUT MAP - SAMPLING LOCATIONS

ARCADIS

FIGURE
**4B**



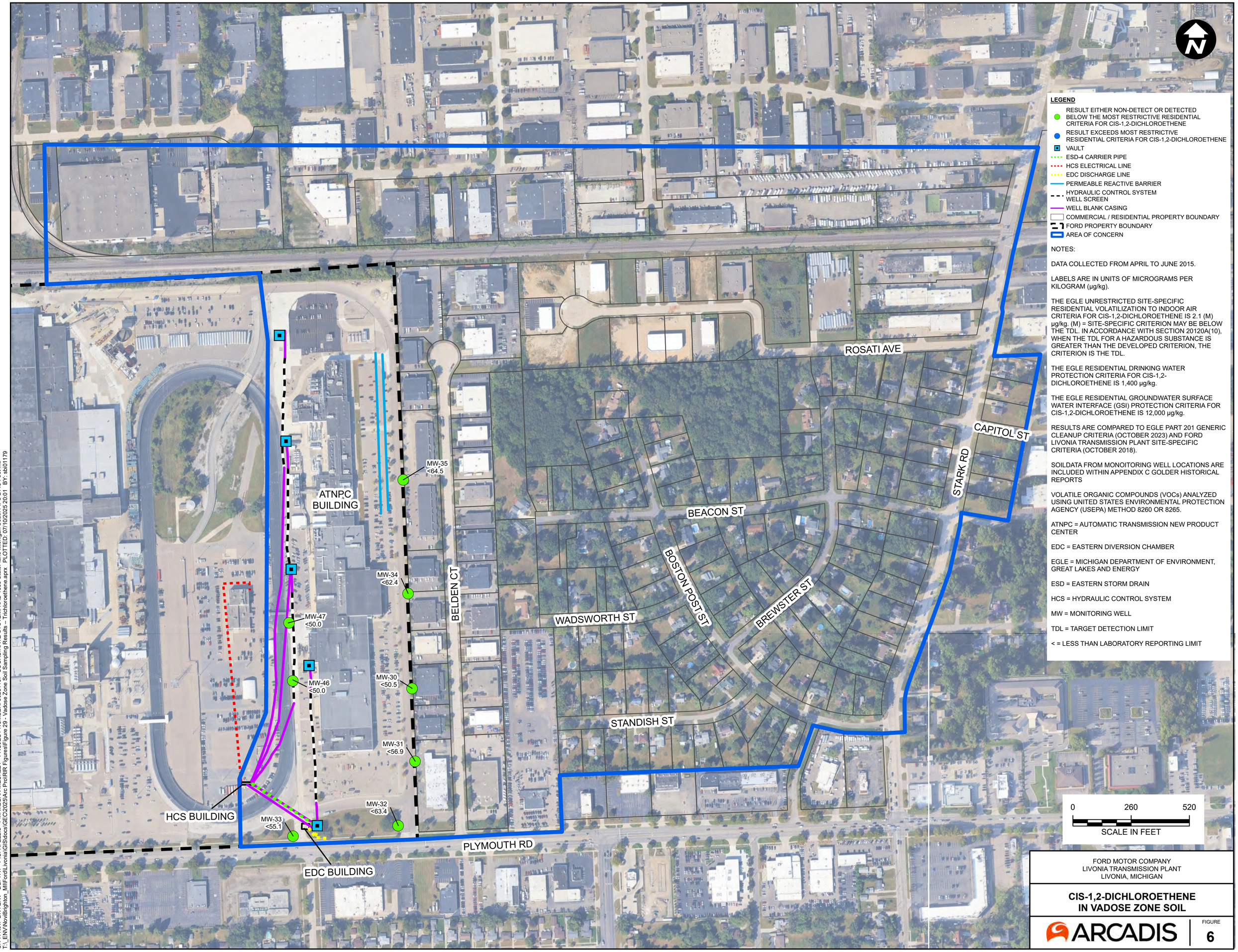

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LIVONIA, MICHIGAN

**TRICHLOROETHENE IN VADOSE ZONE SOIL**

ARCADIS

FIGURE 5

CITY: Novi DIV: ENV DB: TRY PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 29 - Vadose Zone Soil Sampling Results – Trichloroethene.aprx PLOTTED: 07/10/2025 20:01 BY: sbi01179




**LEGEND**

- RESULT EITHER NON-DETECT OR DETECTED BELOW THE MOST RESTRICTIVE RESIDENTIAL CRITERIA FOR CIS-1,2-DICHLOROETHENE
- RESULT EXCEEDS MOST RESTRICTIVE RESIDENTIAL CRITERIA FOR CIS-1,2-DICHLOROETHENE
- VAULT
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- HYDRAULIC CONTROL SYSTEM WELL SCREEN
- WELL BLANK CASING
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN

NOTES:

DATA COLLECTED FROM APRIL TO JUNE 2015.

LABELS ARE IN UNITS OF MICROGRAMS PER KILOGRAM (µg/kg).

THE EGLE UNRESTRICTED SITE-SPECIFIC RESIDENTIAL VOLATILIZATION TO INDOOR AIR CRITERIA FOR CIS-1,2-DICHLOROETHENE IS 2.1 (M) µg/kg. (M) = SITE-SPECIFIC CRITERION MAY BE BELOW THE TDL. IN ACCORDANCE WITH SECTION 20120A(10), WHEN THE TDL FOR A HAZARDOUS SUBSTANCE IS GREATER THAN THE DEVELOPED CRITERION, THE CRITERION IS THE TDL.

THE EGLE RESIDENTIAL DRINKING WATER PROTECTION CRITERIA FOR CIS-1,2-DICHLOROETHENE IS 1,400 µg/kg.

THE EGLE RESIDENTIAL GROUNDWATER SURFACE WATER INTERFACE (GSI) PROTECTION CRITERIA FOR CIS-1,2-DICHLOROETHENE IS 12,000 µg/kg.

RESULTS ARE COMPARED TO EGLE PART 201 GENERIC CLEANUP CRITERIA (OCTOBER 2023) AND FORD LIVONIA TRANSMISSION PLANT SITE-SPECIFIC CRITERIA (OCTOBER 2018).

SOILDATA FROM MONOITORING WELL LOCATIONS ARE INCLUDED WITHIN APPENDIX C GOLDER HISTORICAL REPORTS

VOLATILE ORGANIC COMPOUNDS (VOCs) ANALYZED USING UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) METHOD 8260 OR 8265.

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC = EASTERN DIVERSION CHAMBER

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES AND ENERGY

ESD = EASTERN STORM DRAIN

HCS = HYDRAULIC CONTROL SYSTEM

MW = MONITORING WELL

TDL = TARGET DETECTION LIMIT

< = LESS THAN LABORATORY REPORTING LIMIT

0 260 520

SCALE IN FEET

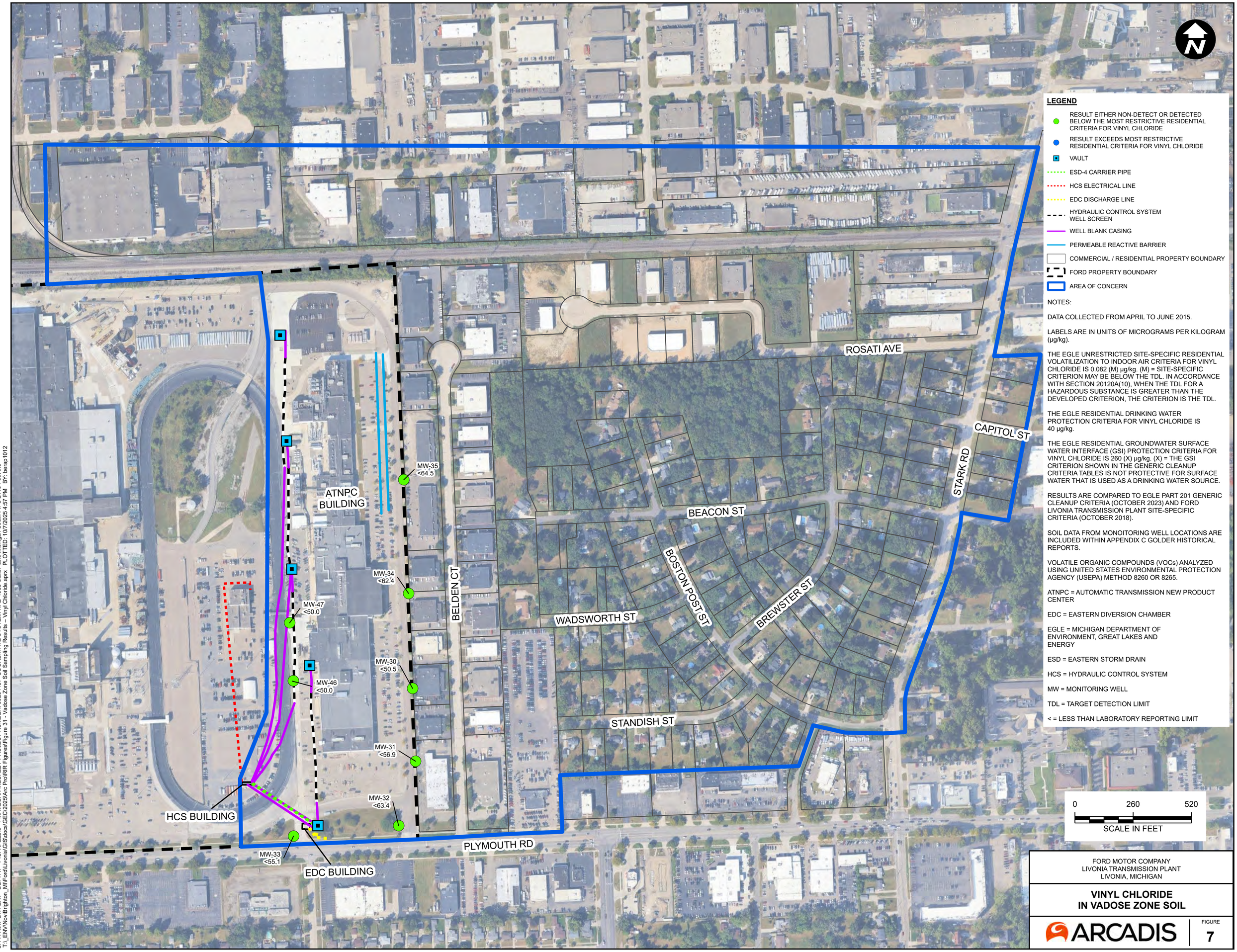
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LIVONIA, MICHIGAN

# CIS-1,2-DICHLOROETHENE IN VADOSE ZONE SOIL

ARCADIS

FIGURE 6

CITY: Novi DIV: ENV DB: TRY PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 29 - Vadose Zone Soil Sampling Results – Trichloroethene.aprx PLOTTED: 07/10/2025 20:01 BY: sbi01179




**LEGEND**

- RESULT EITHER NON-DETECT OR DETECTED BELOW THE MOST RESTRICTIVE RESIDENTIAL CRITERIA FOR VINYL CHLORIDE
- RESULT EXCEEDS MOST RESTRICTIVE RESIDENTIAL CRITERIA FOR VINYL CHLORIDE
- VAULT
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- HYDRAULIC CONTROL SYSTEM WELL SCREEN
- WELL BLANK CASING
- PERMEABLE REACTIVE BARRIER
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN

NOTES:

DATA COLLECTED FROM APRIL TO JUNE 2015.

LABELS ARE IN UNITS OF MICROGRAMS PER KILOGRAM (µg/kg).

THE EGLE UNRESTRICTED SITE-SPECIFIC RESIDENTIAL VOLATILIZATION TO INDOOR AIR CRITERIA FOR VINYL CHLORIDE IS 0.082 (M) µg/kg. (M) = SITE-SPECIFIC CRITERION MAY BE BELOW THE TDL. IN ACCORDANCE WITH SECTION 20120A(10), WHEN THE TDL FOR A HAZARDOUS SUBSTANCE IS GREATER THAN THE DEVELOPED CRITERION, THE CRITERION IS THE TDL.

THE EGLE RESIDENTIAL DRINKING WATER PROTECTION CRITERIA FOR VINYL CHLORIDE IS 40 µg/kg.

THE EGLE RESIDENTIAL GROUNDWATER SURFACE WATER INTERFACE (GSI) PROTECTION CRITERIA FOR VINYL CHLORIDE IS 260 (X) µg/kg. (X) = THE GSI CRITERION SHOWN IN THE GENERIC CLEANUP CRITERIA TABLES IS NOT PROTECTIVE FOR SURFACE WATER THAT IS USED AS A DRINKING WATER SOURCE.

RESULTS ARE COMPARED TO EGLE PART 201 GENERIC CLEANUP CRITERIA (OCTOBER 2023) AND FORD LIVONIA TRANSMISSION PLANT SITE-SPECIFIC CRITERIA (OCTOBER 2018).

SOIL DATA FROM MONOITORING WELL LOCATIONS ARE INCLUDED WITHIN APPENDIX C GOLDER HISTORICAL REPORTS.

VOLATILE ORGANIC COMPOUNDS (VOCs) ANALYZED USING UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) METHOD 8260 OR 8265.

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC = EASTERN DIVERSION CHAMBER

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES AND ENERGY

ESD = EASTERN STORM DRAIN

HCS = HYDRAULIC CONTROL SYSTEM

MW = MONITORING WELL

TDL = TARGET DETECTION LIMIT

< = LESS THAN LABORATORY REPORTING LIMIT

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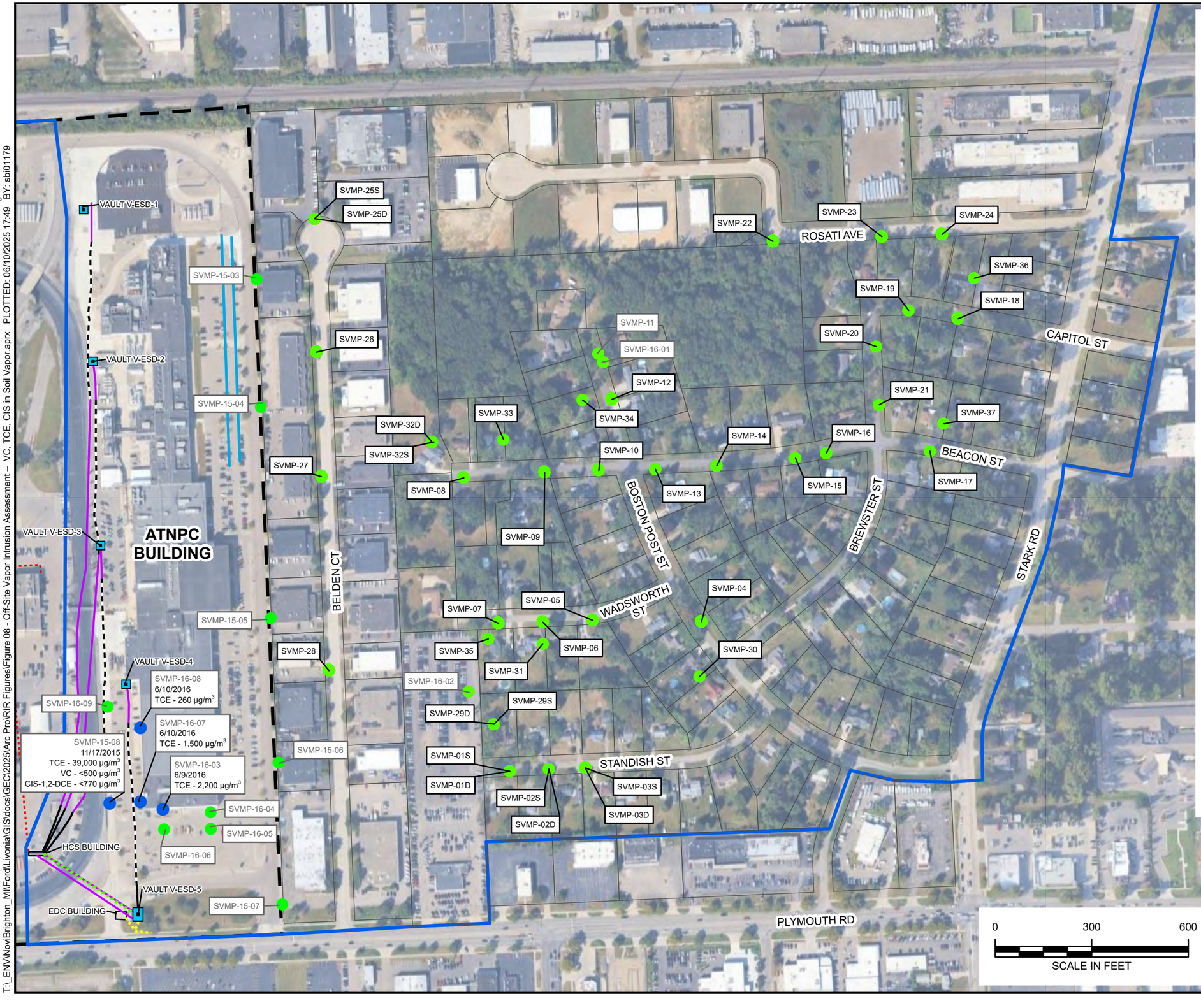
# VINYL CHLORIDE IN VADOSE ZONE SOIL

ARCADIS

FIGURE 7

CITY: Novi DIV: ENV DB: TRY PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 31 - Vadose Zone Soil Sampling Results – Vinyl Chloride.aprx PLOTTED: 10/7/2025 4:57 PM BY: berap1012
2113 Feet Intl
PM BY: berap1012

CITY: NOVI DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY TM: A. RICHMOND TR: P. CURRY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 08 - Off-Site Vapor Intrusion Assessment – VC, TCE, CIS in Soil Vapor.aprx PLOTTED: 06/10/2025 17:49 BY: sbi01179




## LEGEND

- SVMP RESULT BELOW THE MOST RESTRICTIVE RESIDENTIAL CRITERIA
- SVMP RESULT ABOVE THE MOST RESTRICTIVE RESIDENTIAL CRITERIA
- TEXT ABANDONED LOCATION
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- HCS DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN
- HCS BUILDING

NOTES:

THE HIGHEST CONCENTRATION OF DATA COLLECTED PER LOCATION WAS USED FOR COLOR CODING. FULL SET OF DATA CAN BE FOUND IN TABLE 3.

ANALYTICAL METHOD: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY TO-15.

THE EGLE PROVIDED RESIDENTIAL SITE-SPECIFIC VOLATILIZATION TO INDOOR AIR SOIL VAPOR SCREENING LEVEL FOR VINYL CHLORIDE IS 54 µg/m$^3$.

THE EGLE PROVIDED RESIDENTIAL SITE-SPECIFIC VOLATILIZATION TO INDOOR AIR SOIL VAPOR SCREENING LEVEL FOR TRICHLOROETHENE IS 67 µg/m$^3$.

THE EGLE PROVIDED RESIDENTIAL SITE-SPECIFIC VOLATILIZATION TO INDOOR AIR SOIL VAPOR SCREENING LEVEL FOR CIS-1,2-DICHLOROETHENE IS 280 µg/m$^3$.

ATNPC - AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

CIS-1,2-DCE = CIS-1,2-DICHLOROETHENE

EDC - EASTERN DIVERSION CHAMBER

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

ESD - EASTERN STORM DRAIN

HCS - HYDRAULIC CONTROL SYSTEM

HDPE = HIGH-DENSITY POLYETHYLENE

SDR = STANDARD DIMENSIONAL RATIO

SVMP = SOIL VAPOR MONITORING POINT

TCE = TRICHLOROETHENE

VC = VINYL CHLORIDE

< = RESULT WAS NOT DETECTED ABOVE THE REPORTING LIMIT WHICH WAS ELEVATED ABOVE THE SCREENING LEVEL DUE TO LABORATORY DILUTION

µg/m$^3$ = MICROGRAMS PER CUBIC METER

0 300 600

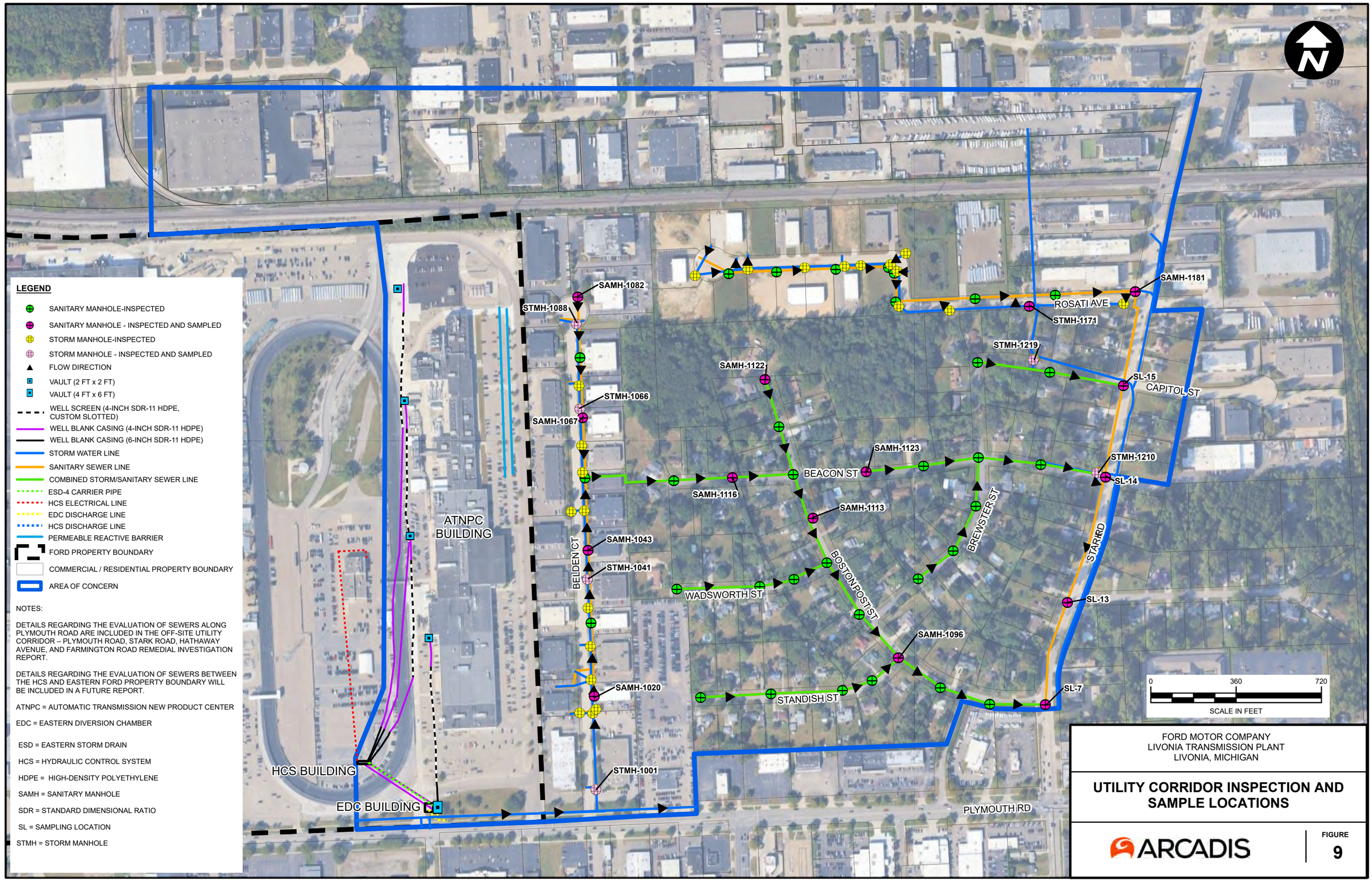
SCALE IN FEET

FORD MOTOR COMPANY
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LIVONIA, MICHIGAN

# VAPOR INTRUSION ASSESSMENT VINYL CHLORIDE, TRICHLOROETHENE, AND CIS-1,2-DICHLOROETHENE IN SOIL VAPOR

ARCADIS

FIGURE
8




**LEGEND**

- SANITARY MANHOLE-INSPECTED
- SANITARY MANHOLE - INSPECTED AND SAMPLED
- STORM MANHOLE-INSPECTED
- STORM MANHOLE - INSPECTED AND SAMPLED
- FLOW DIRECTION
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- STORM WATER LINE
- SANITARY SEWER LINE
- COMBINED STORM/SANITARY SEWER LINE
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- HCS DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- FORD PROPERTY BOUNDARY
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- AREA OF CONCERN

NOTES:

DETAILS REGARDING THE EVALUATION OF SEWERS ALONG PLYMOUTH ROAD ARE INCLUDED IN THE OFF-SITE UTILITY CORRIDOR – PLYMOUTH ROAD, STARK ROAD, HATHAWAY AVENUE, AND FARMINGTON ROAD REMEDIAL INVESTIGATION REPORT.

DETAILS REGARDING THE EVALUATION OF SEWERS BETWEEN THE HCS AND EASTERN FORD PROPERTY BOUNDARY WILL BE INCLUDED IN A FUTURE REPORT.

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC = EASTERN DIVERSION CHAMBER

ESD = EASTERN STORM DRAIN

HCS = HYDRAULIC CONTROL SYSTEM

HDPE = HIGH-DENSITY POLYETHYLENE

SAMH = SANITARY MANHOLE

SDR = STANDARD DIMENSIONAL RATIO

SL = SAMPLING LOCATION

STMH = STORM MANHOLE

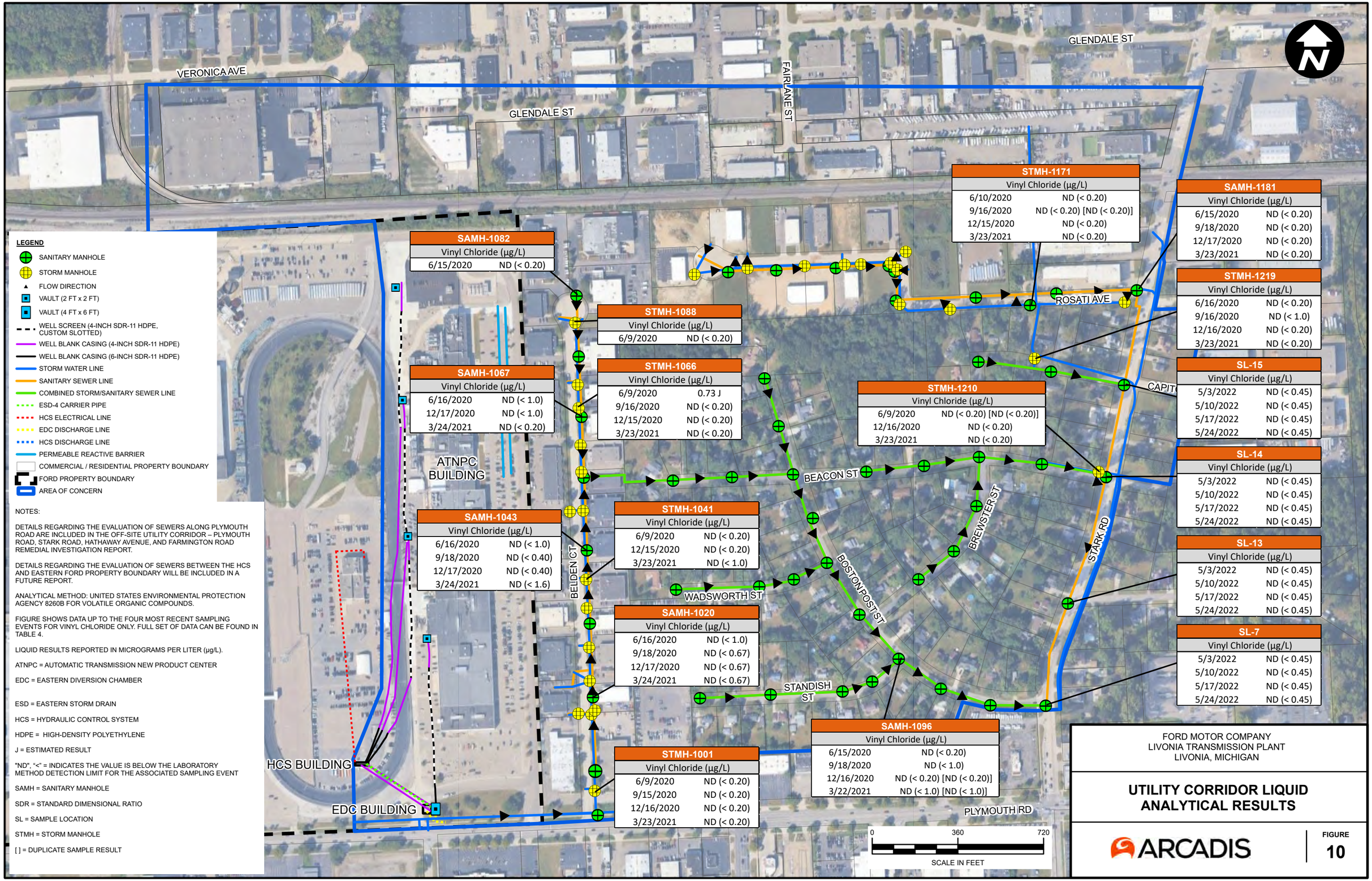
FORD MOTOR COMPANY
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LIVONIA, MICHIGAN

# UTILITY CORRIDOR INSPECTION AND SAMPLE LOCATIONS

ARCADIS

FIGURE
9

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 10 - Off-Site Utility Corridor Sample Locations.aprx PLOTTED: 10/10/2025 13:36 BY: sb01179




**LEGEND**

- SANITARY MANHOLE
- STORM MANHOLE
- FLOW DIRECTION
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- STORM WATER LINE
- SANITARY SEWER LINE
- COMBINED STORM/SANITARY SEWER LINE
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- HCS DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN

NOTES:

DETAILS REGARDING THE EVALUATION OF SEWERS ALONG PLYMOUTH ROAD ARE INCLUDED IN THE OFF-SITE UTILITY CORRIDOR – PLYMOUTH ROAD, STARK ROAD, HATHAWAY AVENUE, AND FARMINGTON ROAD REMEDIAL INVESTIGATION REPORT.

DETAILS REGARDING THE EVALUATION OF SEWERS BETWEEN THE HCS AND EASTERN FORD PROPERTY BOUNDARY WILL BE INCLUDED IN A FUTURE REPORT.

ANALYTICAL METHOD: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 8260B FOR VOLATILE ORGANIC COMPOUNDS.

FIGURE SHOWS DATA UP TO THE FOUR MOST RECENT SAMPLING EVENTS FOR VINYL CHLORIDE ONLY. FULL SET OF DATA CAN BE FOUND IN TABLE 4.

LIQUID RESULTS REPORTED IN MICROGRAMS PER LITER (µg/L).

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC = EASTERN DIVERSION CHAMBER

ESD = EASTERN STORM DRAIN

HCS = HYDRAULIC CONTROL SYSTEM

HDPE = HIGH-DENSITY POLYETHYLENE

J = ESTIMATED RESULT

"ND", "<" = INDICATES THE VALUE IS BELOW THE LABORATORY METHOD DETECTION LIMIT FOR THE ASSOCIATED SAMPLING EVENT

SAMH = SANITARY MANHOLE

SDR = STANDARD DIMENSIONAL RATIO

SL = SAMPLE LOCATION

STMH = STORM MANHOLE

[ ] = DUPLICATE SAMPLE RESULT

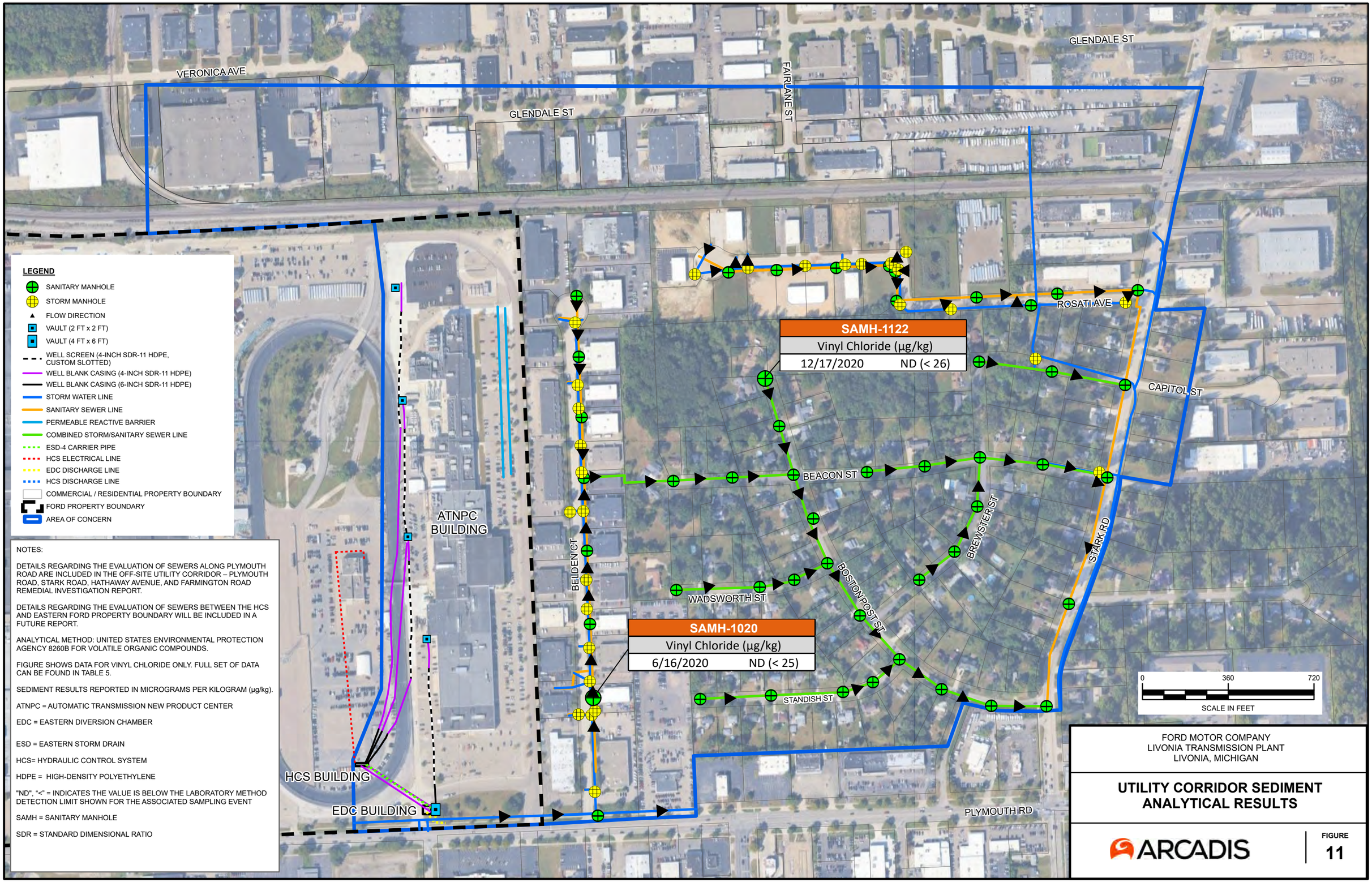
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LIVONIA, MICHIGAN

# UTILITY CORRIDOR LIQUID ANALYTICAL RESULTS

ARCADIS

FIGURE 10

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RI Figures\Figure 11-UTILITY CORRIDOR LIQUID ANALYTICAL RESULTS.aprx PLOTTED: 10/10/2025 17:17 BY: sbl01179




**LEGEND**

- SANITARY MANHOLE
- STORM MANHOLE
- FLOW DIRECTION
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- STORM WATER LINE
- SANITARY SEWER LINE
- PERMEABLE REACTIVE BARRIER
- COMBINED STORM/SANITARY SEWER LINE
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- HCS DISCHARGE LINE
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN

NOTES:

DETAILS REGARDING THE EVALUATION OF SEWERS ALONG PLYMOUTH ROAD ARE INCLUDED IN THE OFF-SITE UTILITY CORRIDOR – PLYMOUTH ROAD, STARK ROAD, HATHAWAY AVENUE, AND FARMINGTON ROAD REMEDIAL INVESTIGATION REPORT.

DETAILS REGARDING THE EVALUATION OF SEWERS BETWEEN THE HCS AND EASTERN FORD PROPERTY BOUNDARY WILL BE INCLUDED IN A FUTURE REPORT.

ANALYTICAL METHOD: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 8260B FOR VOLATILE ORGANIC COMPOUNDS.

FIGURE SHOWS DATA FOR VINYL CHLORIDE ONLY. FULL SET OF DATA CAN BE FOUND IN TABLE 5.

SEDIMENT RESULTS REPORTED IN MICROGRAMS PER KILOGRAM (µg/kg).

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC = EASTERN DIVERSION CHAMBER

ESD = EASTERN STORM DRAIN

HCS= HYDRAULIC CONTROL SYSTEM

HDPE = HIGH-DENSITY POLYETHYLENE

"ND", "<" = INDICATES THE VALUE IS BELOW THE LABORATORY METHOD DETECTION LIMIT SHOWN FOR THE ASSOCIATED SAMPLING EVENT

SAMH = SANITARY MANHOLE

SDR = STANDARD DIMENSIONAL RATIO

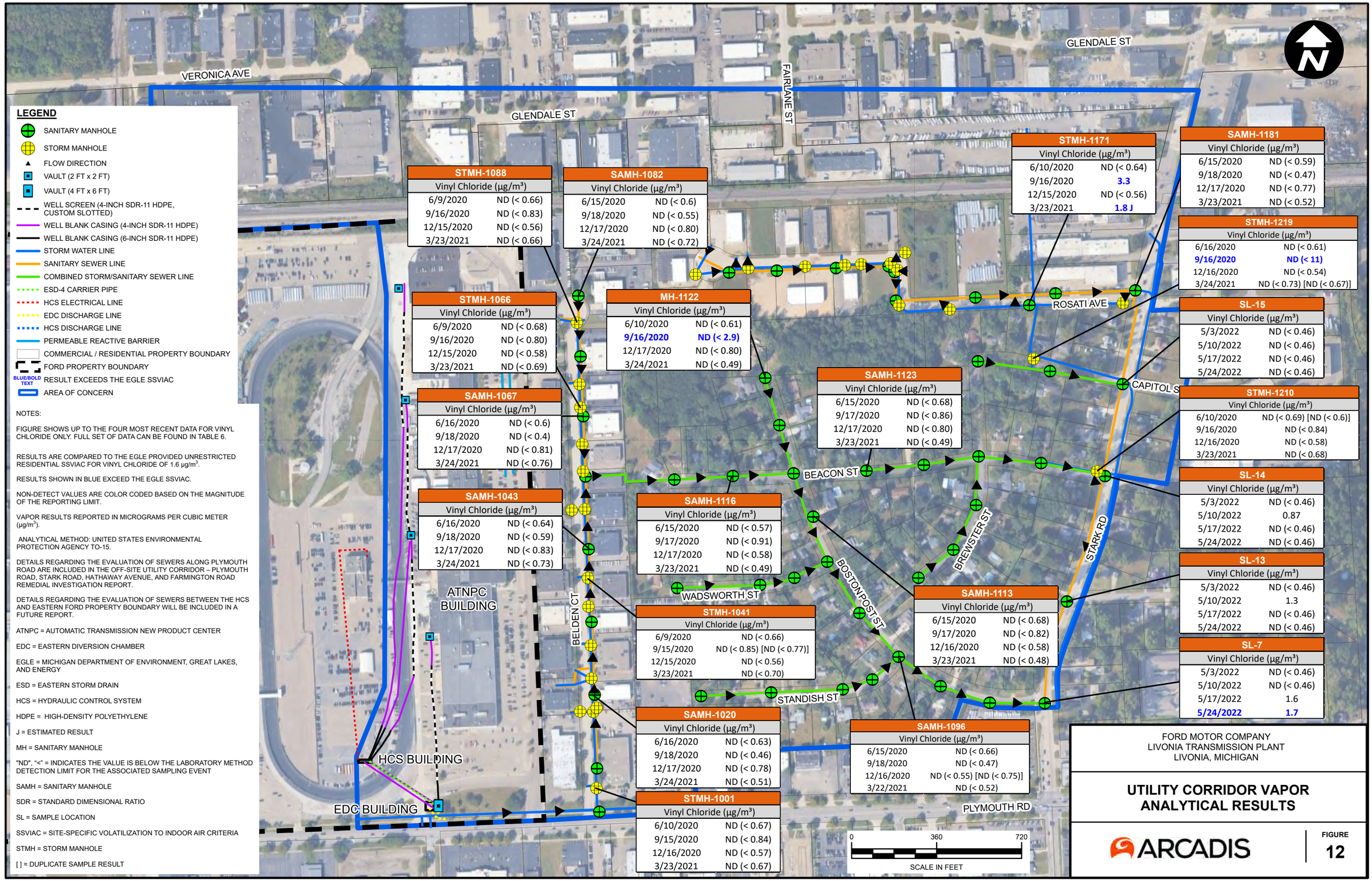
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# UTILITY CORRIDOR SEDIMENT ANALYTICAL RESULTS

ARCADIS

FIGURE
11

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\NoviBrighton_MI\FordLivonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 12-UTILITY CORRIDOR SEDIMENT ANALYTICAL RESULTS.aprx PLOTTED: 10/10/2025 17:16 BY: sbi01179




**STMH-1088**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/9/2020 | ND (< 0.66) |
| 9/16/2020 | ND (< 0.83) |
| 12/15/2020 | ND (< 0.56) |
| 3/23/2021 | ND (< 0.66) |

**SAMH-1082**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/15/2020 | ND (< 0.6) |
| 9/18/2020 | ND (< 0.55) |
| 12/17/2020 | ND (< 0.80) |
| 3/24/2021 | ND (< 0.72) |

**STMH-1171**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/10/2020 | ND (< 0.64) |
| 9/16/2020 | **3.3** |
| 12/15/2020 | ND (< 0.56) |
| 3/23/2021 | **1.8 J** |

**SAMH-1181**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/15/2020 | ND (< 0.59) |
| 9/18/2020 | ND (< 0.47) |
| 12/17/2020 | ND (< 0.77) |
| 3/23/2021 | ND (< 0.52) |

**STMH-1219**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/16/2020 | ND (< 0.61) |
| **9/16/2020** | **ND (< 11)** |
| 12/16/2020 | ND (< 0.54) |
| 3/24/2021 | ND (< 0.73) [ND (< 0.67)] |

**STMH-1066**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/9/2020 | ND (< 0.68) |
| 9/16/2020 | ND (< 0.80) |
| 12/15/2020 | ND (< 0.58) |
| 3/23/2021 | ND (< 0.69) |

**MH-1122**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/10/2020 | ND (< 0.61) |
| **9/16/2020** | **ND (< 2.9)** |
| 12/17/2020 | ND (< 0.80) |
| 3/24/2021 | ND (< 0.49) |

**SL-15**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 5/3/2022 | ND (< 0.46) |
| 5/10/2022 | ND (< 0.46) |
| 5/17/2022 | ND (< 0.46) |
| 5/24/2022 | ND (< 0.46) |

**SAMH-1123**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/15/2020 | ND (< 0.68) |
| 9/17/2020 | ND (< 0.86) |
| 12/17/2020 | ND (< 0.80) |
| 3/23/2021 | ND (< 0.49) |

**STMH-1210**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/10/2020 | ND (< 0.69) [ND (< 0.6)] |
| 9/16/2020 | ND (< 0.84) |
| 12/16/2020 | ND (< 0.58) |
| 3/23/2021 | ND (< 0.68) |

**SAMH-1067**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/16/2020 | ND (< 0.6) |
| 9/18/2020 | ND (< 0.4) |
| 12/17/2020 | ND (< 0.81) |
| 3/24/2021 | ND (< 0.76) |

**SL-14**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 5/3/2022 | ND (< 0.46) |
| 5/10/2022 | 0.87 |
| 5/17/2022 | ND (< 0.46) |
| 5/24/2022 | ND (< 0.46) |

**SAMH-1043**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/16/2020 | ND (< 0.64) |
| 9/18/2020 | ND (< 0.59) |
| 12/17/2020 | ND (< 0.83) |
| 3/24/2021 | ND (< 0.73) |

**SAMH-1116**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/15/2020 | ND (< 0.57) |
| 9/17/2020 | ND (< 0.91) |
| 12/17/2020 | ND (< 0.58) |
| 3/23/2021 | ND (< 0.49) |

**SAMH-1113**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/15/2020 | ND (< 0.68) |
| 9/17/2020 | ND (< 0.82) |
| 12/16/2020 | ND (< 0.58) |
| 3/23/2021 | ND (< 0.48) |

**SL-13**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 5/3/2022 | ND (< 0.46) |
| 5/10/2022 | 1.3 |
| 5/17/2022 | ND (< 0.46) |
| 5/24/2022 | ND (< 0.46) |

**STMH-1041**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/9/2020 | ND (< 0.66) |
| 9/15/2020 | ND (< 0.85) [ND (< 0.77)] |
| 12/15/2020 | ND (< 0.56) |
| 3/23/2021 | ND (< 0.70) |

**SL-7**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 5/3/2022 | ND (< 0.46) |
| 5/10/2022 | ND (< 0.46) |
| 5/17/2022 | 1.6 |
| **5/24/2022** | **1.7** |

**SAMH-1020**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/16/2020 | ND (< 0.63) |
| 9/18/2020 | ND (< 0.46) |
| 12/17/2020 | ND (< 0.78) |
| 3/24/2021 | ND (< 0.51) |

**SAMH-1096**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/15/2020 | ND (< 0.66) |
| 9/18/2020 | ND (< 0.47) |
| 12/16/2020 | ND (< 0.55) [ND (< 0.75)] |
| 3/22/2021 | ND (< 0.52) |

**STMH-1001**

| Vinyl Chloride (µg/m³) | |
|---|---|
| 6/10/2020 | ND (< 0.67) |
| 9/15/2020 | ND (< 0.84) |
| 12/16/2020 | ND (< 0.57) |
| 3/23/2021 | ND (< 0.67) |

## LEGEND

- SANITARY MANHOLE
- STORM MANHOLE
- FLOW DIRECTION
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- STORM WATER LINE
- SANITARY SEWER LINE
- COMBINED STORM/SANITARY SEWER LINE
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- HCS DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- BLUE/BOLD TEXT — RESULT EXCEEDS THE EGLE SSVIAC
- AREA OF CONCERN

NOTES:

FIGURE SHOWS UP TO THE FOUR MOST RECENT DATA FOR VINYL CHLORIDE ONLY. FULL SET OF DATA CAN BE FOUND IN TABLE 6.

RESULTS ARE COMPARED TO THE EGLE PROVIDED UNRESTRICTED RESIDENTIAL SSVIAC FOR VINYL CHLORIDE OF 1.6 µg/m$^3$.

RESULTS SHOWN IN BLUE EXCEED THE EGLE SSVIAC.

NON-DETECT VALUES ARE COLOR CODED BASED ON THE MAGNITUDE OF THE REPORTING LIMIT.

VAPOR RESULTS REPORTED IN MICROGRAMS PER CUBIC METER (µg/m$^3$).

ANALYTICAL METHOD: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY TO-15.

DETAILS REGARDING THE EVALUATION OF SEWERS ALONG PLYMOUTH ROAD ARE INCLUDED IN THE OFF-SITE UTILITY CORRIDOR – PLYMOUTH ROAD, STARK ROAD, HATHAWAY AVENUE, AND FARMINGTON ROAD REMEDIAL INVESTIGATION REPORT.

DETAILS REGARDING THE EVALUATION OF SEWERS BETWEEN THE HCS AND EASTERN FORD PROPERTY BOUNDARY WILL BE INCLUDED IN A FUTURE REPORT.

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC = EASTERN DIVERSION CHAMBER

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

ESD = EASTERN STORM DRAIN

HCS = HYDRAULIC CONTROL SYSTEM

HDPE = HIGH-DENSITY POLYETHYLENE

J = ESTIMATED RESULT

MH = SANITARY MANHOLE

"ND", "<" = INDICATES THE VALUE IS BELOW THE LABORATORY METHOD DETECTION LIMIT FOR THE ASSOCIATED SAMPLING EVENT

SAMH = SANITARY MANHOLE

SDR = STANDARD DIMENSIONAL RATIO

SL = SAMPLE LOCATION

SSVIAC = SITE-SPECIFIC VOLATILIZATION TO INDOOR AIR CRITERIA

STMH = STORM MANHOLE

[ ] = DUPLICATE SAMPLE RESULT

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# UTILITY CORRIDOR VAPOR ANALYTICAL RESULTS

ARCADIS

FIGURE 12

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 13-UTILITY CORRIDOR VAPOR ANALYTICAL RESULTS.aprx PLOTTED: 10/10/2025 17:12 BY: sbi01179

NOTES:

ALL ANALYTICAL DATA LISTED IN µg/L

ANALYTICAL DATA ANALYZED USING THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY METHOD 8260 OR 8265

DATA COLLECTED FROM MAY 2021 TO MAY 2025

MOST RECENT ANALYTICAL DATA SHOWN AT APPLICABLE WELL LOCATIONS

RESULTS FOR TRICHLOROETHENE ARE COMPARED TO THE PUBLISHED EGLE REMEDIATION AND REDEVELOPMENT DIVISION TARGET DETECTION LIMIT OF 1.0 µg/L.

THE EGLE PART 201 GENERIC CLEANUP CRITERIA FOR GROUNDWATER SURFACE WATER INTERFACE FOR TRICHLOROETHENE IS 200 µg/L.

NON-DETECT VALUES ARE COLOR CODED BASED ON THE MAGNITUDE OF THE REPORTING LIMIT

EDC = EASTERN DIVERSION CHAMBER

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

ESD = EASTERN STORM DRAIN

HCS = HYDRAULIC CONTROL SYSTEM

HDPE = HIGH-DENSITY POLYETHYLENE

J = ESTIMATED VALUE

MW = MONITORING WELL

SDR = STANDARD DIMENSIONAL RATIO

PW = PUMPING WELL

TW = TEST WELL

µg/L = MICROGRAMS PER LITER (PARTS PER BILLION)

< = LESS THAN

**LEGEND**

- NON-DETECT OR BELOW MOST RESTRICTIVE RESIDENTIAL CRITERIA OF 1.0 µg/L
- EXCEEDS MOST RESTRICTIVE RESIDENTIAL CRITERIA OF 1.0 µg/L
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- HCS BUILDING

VERONICA AVE
WAYNE RD
FAIRLANE ST
GLENDALE ST
STARK RD
ROSATI AVE
CAPITOL ST
BEACON ST
WADSWORTH ST
BREWSTER ST
STANDISH ST
BOSTON POST ST
BELDEN CT
PLYMOUTH RD
HCS BUILDING
EDC BUILDING
VAULT V-ESD-1
VAULT V-ESD-2
VAULT V-ESD-3
VAULT V-ESD-4
VAULT V-ESD-5

MW-125 5/17/2024: < 1.0
MW-125S 5/17/2024: < 1.0
MW-129S 5/17/2024: < 1.0
MW-129 5/17/2024: < 1.0
MW-190 5/15/2024: < 1.0
MW-190S 5/15/2024: < 1.0
MW-189 5/16/2024: < 1.0
MW-189S 5/16/2024: < 1.0
MW-191S 5/15/2024: < 1.0
MW-122 5/20/2025:<1.0
MW-54 5/14/2025:< 1.0
MW-54S 5/14/2025:< 1.0
MW-55 5/15/2025:<1.0
MW-55D 5/15/2025:<1.0
MW-214S 5/5/2025: < 1.0
MW-53 5/20/2025:< 1.0
MW-57 5/20/2025:< 1.0
MW-105S 5/7/2025: < 1.0
MW-102 5/8/2025: < 1.0
MW-102S 5/8/2025: < 1.0
MW-131S 5/2/2025: < 1.0
MW-132S 5/2/2025: < 1.0
MW-136S 5/8/2025: < 1.0
MW-108S 5/8/2025: < 1.0
MW-147S 5/8/2025: < 1.0
MW-142S 5/8/2025: < 1.0
MW-188S 5/17/2024: < 1.0
MW-187S 5/16/2024: < 1.0
MW-187 5/16/2024: < 1.0
MW-186S 5/19/2022: < 1.0
MW-103S 5/8/2025: < 1.0
MW-90S 5/8/2025: < 1.0
MW-128S 5/7/2025: < 1.0
MW-146S 5/7/2025: < 1.0
MW-107S 5/7/2025: < 1.0
MW-166S 5/2/2025: < 1.0
MW-83S 5/7/2025: < 1.0
MW-83 5/7/2025: < 1.0
MW-207S 5/2/2025: < 1.0
MW-82SR 5/6/2025: < 1.0
MW-82D 5/6/2025: < 1.0
MW-133S 5/8/2025: < 1.0
MW-143S 5/7/2025: < 1.0
MW-134S 5/21/2025: < 1.0
MW-111S 5/21/2025: < 1.0
MW-81 5/20/2025: < 1.0
MW-81S 5/20/2025: < 1.0
MW-135S 5/21/2025: < 1.0
MW-144S 5/21/2025: < 1.0
MW-167S 5/20/2025: < 1.0
MW-106S 5/8/2025: < 1.0
MW-138S 5/8/2025: < 1.0
MW-85SR 5/2/2025: < 1.0
MW-85 5/2/2025: < 1.0
MW-169S 5/7/2025: < 1.0
MW-168S 5/7/2025: < 1.0
MW-171S 5/7/2025: < 1.0
MW-137S 5/7/2025: < 1.0
MW-145S 5/7/2025: < 1.0
MW-148S 5/12/2025: < 1.0
MW-150S 5/12/2025: < 1.0
MW-149S 5/8/2025: < 1.0
MW-127S 5/8/2025: < 1.0
MW-192S 4/30/2025: < 1.0
MW-92S 4/30/2025: < 1.0
MW-91S 4/30/2025: < 1.0
MW-162S 4/30/2025: < 1.0
MW-178S 5/2/2025: < 1.0
MW-176S 5/2/2025: < 1.0
MW-121S 5/2/2025: < 1.0
MW-94S 5/7/2025: < 1.0
MW-97S 5/2/2025: < 1.0
MW-77 5/1/2025: < 1.0
MW-77S 5/1/2025: < 1.0
MW-172S 4/30/2025: < 1.0
MW-151S 5/12/2025: < 1.0
MW-123S 5/12/2025: < 1.0
MW-80SR 5/12/2025: < 1.0
MW-152S 5/9/2025: < 1.0
MW-98S 5/6/2025: < 1.0
MW-78S 5/6/2025: < 1.0
MW-163S 5/9/2025: < 1.0
MW-78 5/6/2025: < 1.0
MW-177S 5/7/2025: < 1.0
MW-96S 5/1/2025: < 1.0
MW-216S 4/28/2025: < 1.0
MW-173S 2/10/2025: < 1.0
MW-182S 4/30/2025: < 1.0
MW-104S 4/28/2025: < 1.0
MW-225S 4/28/2025: < 1.0
MW-93S 5/2/2025: < 1.0
MW-110S 4/28/2025: < 1.0
MW-87S 4/30/2025: < 1.0
MW-87 4/30/2025: < 1.0
MW-183S 4/28/2025: < 1.0
MW-126S 4/28/2025: < 1.0
MW-217S 5/6/2025: < 1.0
MW-180SR 4/28/2025: < 1.0
MW-116S 4/28/2025: < 1.0
MW-215S 5/5/2025: < 1.0
MW-112S 5/6/2025: < 1.0
MW-88S 5/6/2025: < 1.0
MW-86S 5/1/2025: < 1.0
MW-175S 8/02/2024: < 1.0
MW-86 5/1/2025: < 1.0
MW-179S 4/28/2025: < 1.0
MW-119S 5/7/2025: < 1.0
MW-184S 5/7/2025: < 1.0
MW-84S 5/6/2025: < 1.0
MW-185S 5/8/2025: < 1.0
MW-99S 5/5/2025: < 1.0
MW-75SR 5/6/2025: < 1.0
MW-181S 5/6/2025: < 1.0
MW-75D 5/6/2025: < 1.0
MW-210S 5/9/2025: < 1.0
MW-34 5/9/2025:< 1.0
MW-41 5/9/2025:<1.0
MW-209S 5/9/2025:<1.0
MW-69 5/14/2025:< 1.0
MW-30 5/9/2025:<1.0
MW-100S 5/6/2025: < 1.0
MW-208S 5/9/2025:<1.0
MW-31 5/9/2025:< 1.0
MW-40 5/9/2025:<1.0
MW-218S 5/14/2025:< 1.0
MW-101S 5/6/2025: < 1.0
MW-223S 5/5/2025: < 1.0
MW-76S 5/6/2025: < 1.0
MW-76 5/6/2025: < 1.0
MW-32 5/14/2025:<1.0
MW-39 5/14/2025:<1.0
MW-33 5/12/2025:<1.0
MW-38 5/7/2025:<1.0
MW-219S 5/12/2025:<1.0
MW-46 5/12/2025:<1.0
MW-45 5/16/2025:<1.0
MW-70 5/12/2025:< 13
PW-16-01 5/20/2025:<1.0
TW-16-02 5/17/2021:<330
TW-16-01 5/18/2021:< 2.5
MW-71 5/16/2025:< 1.0
MW-47 5/12/2025:<1.0
MW-68 5/16/2025:<1.0
MW-67 5/8/2025:37
MW-48R 5/16/2025:< 1.0
MW-42 5/9/2025:<1.0
MW-15-61D 4/30/2025:<1.0
MW-211S 5/9/2025:<1.0
MW-74S 5/1/2025: < 1.0
MW-74 5/1/2025: < 1.0
MW-64 5/23/2025:<1.0
MW-35 5/9/2025:<1.0
MW-235 5/9/2025:< 1.0
MW-213S 5/9/2025:< 1.0
MW-43 5/9/2025:<1.0
MW-234 5/9/2025:< 1.0
MW-62 5/15/2025:<1.0
MW-50 5/15/2025:< 1.0
MW-63 5/14/2025:< 1.0
MW-52 5/9/2025:<1.0
MW-72S 5/1/2025: < 1.0
MW-72 5/1/2025: < 1.0
MW-212S 5/9/2025:< 1.0
MW-73D 5/1/2025: < 1.0
MW-73SR 5/1/2025: < 1.0
MW-159S 5/2/2025: < 1.0
MW-158S 5/6/2025: < 1.0
MW-89S 5/2/2025: < 1.0
MW-109S 5/6/2025: < 1.0
MW-193S 5/6/2025: < 1.0
MW-170S 5/6/2025: < 1.0
MW-99S 5/5/2025: < 1.0
MW-34 5/9/2025:< 1.0
MW-210S 5/9/2025:< 1.0
MW-75D 5/6/2025: < 1.0
MW-41 5/9/2025:<1.0
MW-209S 5/9/2025:<1.0
MW-69 5/14/2025:< 1.0
MW-30 5/9/2025:<1.0
MW-100S 5/6/2025: < 1.0
MW-208S 5/9/2025:<1.0
MW-31 5/9/2025:< 1.0
MW-40 5/9/2025:<1.0
MW-218S 5/14/2025:< 1.0
MW-101S 5/6/2025: < 1.0
MW-223S 5/5/2025: < 1.0
MW-76S 5/6/2025: < 1.0
MW-76 5/6/2025: < 1.0
MW-32 5/14/2025:<1.0
MW-39 5/14/2025:<1.0
MW-33 5/12/2025:<1.0
MW-38 5/7/2025:<1.0
MW-219S 5/12/2025:<1.0
MW-46 5/12/2025:<1.0
MW-45 5/16/2025:<1.0
MW-70 5/12/2025:< 13
PW-16-01 5/20/2025:<1.0
TW-16-02 5/17/2021:<330
TW-16-01 5/18/2021:< 2.5
MW-71 5/16/2025:< 1.0
MW-47 5/12/2025:<1.0
MW-68 5/16/2025:<1.0
MW-67 5/8/2025:37
MW-48R 5/16/2025:< 1.0
MW-42 5/9/2025:<1.0
MW-15-61D 4/30/2025:<1.0
MW-211S 5/9/2025:<1.0
MW-74S 5/1/2025: < 1.0
MW-74 5/1/2025: < 1.0
MW-64 5/23/2025:<1.0
MW-35 5/9/2025:<1.0
MW-235 5/9/2025:< 1.0
MW-213S 5/9/2025:< 1.0
MW-43 5/9/2025:<1.0
MW-234 5/9/2025:< 1.0
MW-62 5/15/2025:<1.0
MW-50 5/15/2025:< 1.0
MW-63 5/14/2025:< 1.0
MW-52 5/9/2025:<1.0
MW-72S 5/1/2025: < 1.0
MW-72 5/1/2025: < 1.0
MW-212S 5/9/2025:< 1.0
MW-73D 5/1/2025: < 1.0
MW-73SR 5/1/2025: < 1.0
MW-159S 5/2/2025: < 1.0
MW-158S 5/6/2025: < 1.0
MW-89S 5/2/2025: < 1.0
MW-109S 5/6/2025: < 1.0
MW-193S 5/6/2025: < 1.0
MW-170S 5/6/2025: < 1.0
MW-160S 5/6/2025: < 1.0
MW-118S 5/5/2025: < 1.0
MW-141S 5/5/2025: < 1.0
MW-79D 5/5/2025: < 1.0
MW-79SR 5/5/2025: < 1.0
MW-95S 5/6/2025: < 1.0
MW-115S 5/5/2025: < 1.0
MW-117S 5/5/2025: < 1.0
MW-157S 4/28/2025: < 1.0
MW-140S 4/28/2025: < 1.0
MW-84 5/6/2025: < 1.0
MW-161S 5/7/2025: < 1.0
MW-185S 5/8/2025: < 1.0
MW-156S 5/5/2025: < 1.0
MW-130S 5/9/2025: < 1.0
MW-153S 5/5/2025: < 1.0
MW-155S 5/7/2025: < 1.0
MW-139S 4/28/2025: < 1.0
MW-154S 5/5/2025: < 1.0
MW-165S 5/5/2025: < 1.0
MW-164S 5/5/2025: < 1.0

0 400 800
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

**GROUNDWATER-TRICHLOROETHENE**

ARCADIS

FIGURE 13

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\Work\Brighton_MiFord\Livonia\GIS\docs\GEC\2025\Arc Pro\KRI Figures\Figure 13 - Groundwater – Trichloroethene.aprx PLOTTED: 22/10/2025 12:40 BY: sk001179

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 14 - Groundwater – cis-1,2-Dichloroethene.aprx PLOTTED: 22/10/2025 12:52 BY: sbi01179

NOTES:

ALL ANALYTICAL DATA LISTED IN µg/L

ANALYTICAL DATA ANALYZED USING THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY METHOD 8260 OR 8265

DATA COLLECTED FROM MAY 2021 TO MAY 2025

MOST RECENT ANALYTICAL DATA SHOWN AT APPLICABLE WELL LOCATIONS

THE EGLE PROVIDED UNRESTRICTED RESIDENTIAL SITE-SPECIFIC VOLATILIZATION TO INDOOR AIR CRITERIA FOR CIS-1,2-DICHLOROETHENE IS 3.4 µg/L

THE EGLE PART 201 RESIDENTIAL DRINKING WATER CRITERIA FOR CIS-1,2-DICHLOROETHENE IS 70 µg/L

THE EGLE PART 201 GENERIC CLEANUP CRITERIA FOR GROUNDWATER SURFACE WATER INTERFACE FOR CIS-1,2-DICHLOROETHENE IS 620 µg/L

EDC = EASTERN DIVERSION CHAMBER

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

ESD = EASTERN STORM DRAIN

HCS = HYDRAULIC CONTROL SYSTEM

HDPE = HIGH-DENSITY POLYETHYLENE

J = ESTIMATED VALUE

MW = MONITORING WELL

SDR = STANDARD DIMENSIONAL RATIO

PW = PUMPING WELL

TW = TEST WELL

µg/L = MICROGRAMS PER LITER (PARTS PER BILLION)

< = LESS THAN

**LEGEND**

- NON-DETECT OR BELOW MOST RESTRICTIVE RESIDENTIAL CRITERIA OF 3.4 µg/L
- EXCEEDS MOST RESTRICTIVE RESIDENTIAL CRITERIA OF 3.4 µg/L
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- AREA OF CONCERN
- FORD PROPERTY BOUNDARY
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- HCS BUILDING

VERONICA AVE
GLENDALE ST
FAIRLANE ST
ROSATI AVE
WADSWORTH ST
BEACON ST
BREWSTER ST
STARK RD
CAPITOL ST
STANDISH ST
BOSTON POST ST
BELDEN CT
PLYMOUTH RD
HCS BUILDING
EDC BUILDING
VAULT V-ESD-1
VAULT V-ESD-2
VAULT V-ESD-3
VAULT V-ESD-4
VAULT V-ESD-5

MW-125S 5/17/2024: < 1.0
MW-129S 5/17/2024: < 1.0
MW-129 5/17/2024: < 1.0
MW-125 5/17/2024: < 1.0
MW-55D 5/15/2025: < 1.0
MW-55 5/15/2025: < 1.0
MW-122 5/20/2025: < 1.0
MW-54 5/14/2025: < 1.0
MW-54S 5/14/2025: < 1.0
MW-191S 5/15/2024: 5.0
MW-190 5/15/2024: 0.66 J
MW-190S 5/15/2024: < 1.0
MW-189 5/16/2024: < 1.0
MW-189S 5/16/2024: < 1.0
MW-57 5/20/2025: < 1.0
MW-53 5/20/2025: < 1.0
MW-214S 5/5/2025: < 1.0
MW-102S 5/8/2025: < 1.0
MW-102 5/8/2025: < 1.0
MW-105S 5/7/2025: < 1.0
MW-131S 5/2/2025: < 1.0
MW-132S 5/2/2025: < 1.0
MW-147S 5/8/2025: < 1.0
MW-136S 5/8/2025: < 1.0
MW-108S 5/8/2025: < 1.0
MW-142S 5/8/2025: < 1.0
MW-169S 5/7/2025: < 1.0
MW-188S 5/17/2024: < 1.0
MW-187S 5/16/2024: < 1.0
MW-187 5/16/2024: < 1.0
MW-186S 5/19/2022: < 1.0
MW-103S 5/8/2025: < 1.0
MW-90S 5/8/2025: < 1.0
MW-128S 5/7/2025: < 1.0
MW-146S 5/7/2025: < 1.0
MW-107S 5/7/2025: < 1.0
MW-166S 5/2/2025: < 1.0
MW-83S 5/7/2025: < 1.0
MW-83 5/7/2025: < 1.0
MW-207S 5/2/2025: < 1.0
MW-82SR 5/6/2025: < 1.0
MW-82D 5/6/2025: < 1.0
MW-133S 5/8/2025: < 1.0
MW-143S 5/7/2025: < 1.0
MW-134S 5/21/2025: < 1.0
MW-111S 5/21/2025: < 1.0
MW-81 5/20/2025: < 1.0
MW-81S 5/20/2025: < 1.0
MW-135S 5/21/2025: < 1.0
MW-144S 5/21/2025: < 1.0
MW-167S 5/20/2025: < 1.0
MW-106S 5/8/2025: < 1.0
MW-138S 5/8/2025: < 1.0
MW-72 5/1/2025: < 1.0
MW-72S 5/1/2025: < 1.0
MW-160S 5/6/2025: < 1.0
MW-85SR 5/2/2025: < 1.0
MW-85 5/2/2025: < 1.0
MW-79D 5/5/2025: < 1.0
MW-79SR 5/5/2025: < 1.0
MW-118S 5/5/2025: < 1.0
MW-141S 5/5/2025: < 1.0
MW-168S 5/7/2025: < 1.0
MW-137S 5/7/2025: < 1.0
MW-171S 5/7/2025: < 1.0
MW-52 5/9/2025: < 1.0
MW-43 5/9/2025: < 1.0
MW-234 5/9/2025: <1.0
MW-62 5/15/2025: < 1.0
MW-50 5/15/2025: 4.4
MW-213S 5/9/2025: < 1.0
MW-235 5/9/2025: 1.9
MW-63 5/14/2025: <1.0
MW-74S 5/1/2025: 0.94 J
MW-73D 5/1/2025: < 1.0
MW-73SR 5/1/2025: 1.9
MW-95S 5/6/2025: < 1.0
MW-115S 5/5/2025: < 1.0
MW-117S 5/5/2025: < 1.0
MW-156S 5/5/2025: < 1.0
MW-151S 5/12/2025: < 1.0
MW-123S 5/12/2025: < 1.0
MW-80SR 5/12/2025: < 1.0
MW-148S 5/12/2025: < 1.0
MW-145S 5/7/2025: < 1.0
MW-150S 5/12/2025: < 1.0
MW-212S 5/9/2025: 1.4
MW-159S 5/2/2025: < 1.0
MW-157S 4/28/2025: < 1.0
MW-153S 5/5/2025: < 1.0
MW-152S 5/9/2025: < 1.0
MW-149S 5/8/2025: < 1.0
MW-64 5/23/2025: 0.96 J
MW-158S 5/6/2025: < 1.0
MW-130S 5/9/2025: < 1.0
MW-98S 5/6/2025: < 1.0
MW-155S 5/7/2025: < 1.0
MW-154S 5/5/2025: < 1.0
MW-127S 5/8/2025: < 1.0
MW-35 5/9/2025: < 1.0
MW-74 5/1/2025: < 1.0
MW-109S 5/6/2025: < 1.0
MW-140S 4/28/2025: < 1.0
MW-139S 4/28/2025: < 1.0
MW-211S 5/9/2025: < 1.0
MW-193S 5/6/2025: < 1.0
MW-89S 5/2/2025: 2.5
MW-42 5/9/2025: < 1.0
MW-170S 5/6/2025: < 1.0
MW-185S 5/8/2025: < 1.0
MW-161S 5/7/2025: < 1.0
MW-165S 5/5/2025: < 1.0
MW-192S 4/30/2025: < 1.0
MW-92S 4/30/2025: < 1.0
MW-91S 4/30/2025: < 1.0
MW-162S 4/30/2025: < 1.0
MW-163S 5/9/2025: < 1.0
MW-178S 5/2/2025: < 1.0
MW-48R 5/16/2025: < 1.0
MW-15-61D 4/30/2025: < 1.0
MW-84 5/6/2025: < 1.0
MW-184S 5/7/2025: < 1.0
MW-164S 5/5/2025: < 1.0
MW-67 5/8/2025: 1.1
MW-99S 5/5/2025: 0.89 J
MW-179S 4/28/2025: < 1.0
MW-119S 5/7/2025: < 1.0
MW-78 5/6/2025: < 1.0
MW-78S 5/6/2025: < 1.0
MW-34 5/9/2025: < 1.0
MW-84S 5/6/2025: < 1.0
MW-86 5/1/2025: < 1.0
MW-177S 5/7/2025: < 1.0
MW-68 5/16/2025: < 1.0
MW-210S 5/9/2025: 15
MW-181S 5/6/2025: < 1.0
MW-175S 8/02/2024: < 1.0
MW-47 5/12/2025: 4.8
MW-75SR 5/6/2025: < 1.0
MW-86S 5/1/2025: < 1.0
MW-174S 5/7/2025: < 1.0
MW-96S 5/1/2025: < 1.0
MW-41 5/9/2025: < 1.0
MW-88S 5/6/2025: < 1.0
MW-216S 4/28/2025: < 1.0
MW-75D 5/6/2025: < 1.0
MW-112S 5/6/2025: < 1.0
MW-121S 5/2/2025: < 1.0
MW-209S 5/9/2025: < 1.0
MW-215S 5/5/2025: < 1.0
MW-180SR 4/28/2025: < 1.0
MW-94S 5/7/2025: < 1.0
MW-46 5/12/2025: 2.7
MW-69 5/14/2025: < 1.0
MW-30 5/9/2025: < 1.0
MW-225S 4/28/2025: < 1.0
MW-97S 5/2/2025: < 1.0
MW-70 5/12/2025: 130
MW-116S 4/28/2025: < 1.0
MW-217S 5/6/2025: < 1.0
MW-77 5/1/2025: < 1.0
PW-16-01 5/20/2025: 50
MW-208S 5/9/2025: < 1.0
MW-126S 4/28/2025: < 1.0
TW-16-02 5/17/2021: 670
MW-100S 5/6/2025: < 1.0
MW-183S 4/28/2025: < 1.0
MW-110S 4/28/2025: < 1.0
MW-77S 5/1/2025: < 1.0
MW-71 5/16/2025: 0.78 J
TW-16-01 5/18/2021: 41
MW-31 5/9/2025: < 1.0
MW-104S 4/28/2025: < 1.0
MW-172S 4/30/2025: < 1.0
MW-45 5/16/2025: 15
MW-87 4/30/2025: < 1.0
MW-93S 5/2/2025: < 1.0
MW-40 5/9/2025: 1.9
MW-87S 4/30/2025: < 1.0
MW-173S 2/10/2025: < 1.0
MW-219S 5/12/2025: < 1.0
MW-101S 5/6/2025: < 1.0
MW-218S 5/14/2025: < 1.0
MW-32 5/14/2025: < 1.0
MW-223S 5/5/2025: < 1.0
MW-176S 5/2/2025: < 1.0
MW-38 5/7/2025: < 1.0
MW-76S 5/6/2025: < 1.0
MW-182S 4/30/2025: < 1.0
MW-33 5/12/2025: < 1.0
MW-39 5/14/2025: < 1.0
MW-76 5/6/2025: 0.47 J

0 400 800
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# GROUNDWATER - CIS-1,2-DICHLOROETHENE

ARCADIS

FIGURE 14

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 15 - Groundwater – 1,4-Dioxane.aprx PLOTTED: 22/10/2025 13:07 BY: sbi01179

NOTES:

ALL ANALYTICAL DATA LISTED IN µg/L

ANALYTICAL DATA ANALYZED USING THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B SELECTED ION MONITORING (SIM)

DATA COLLECTED FROM MAY 2021 TO MAY 2025

MOST RECENT ANALYTICAL DATA SHOWN AT APPLICABLE WELL LOCATIONS

RESIDENTIAL DRINKING WATER CRITERIA FOR 1,4-DIOXANE IS DERIVED FROM EGLE PROPOSED RULE CHANGES (SEPTEMBER 2016) AND EMERGENCY RULES (OCTOBER 27, 2016).

THE EGLE PART 201 RESIDENTIAL DRINKING WATER CRITERIA FOR 1,4-DIOXANE IS 7.2 µg/L

THE EGLE PART 201 GENERIC CLEANUP CRITERIA FOR GROUNDWATER SURFACE WATER INTERFACE FOR 1,4-DIOXANE IS 280 µg/L

THE EGLE PROVIDED UNRESTRICTED RESIDENTIAL SITE-SPECIFIC VOLATILIZATION TO INDOOR AIR CRITERIA FOR 1,4-DIOXANE IS 1,900 µg/L

EDC = EASTERN DIVERSION CHAMBER

ESD = EASTERN STORM DRAIN

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

HDPE = HIGH-DENSITY POLYETHYLENE

HCS = HYDRAULIC CONTROL SYSTEM

J = ESTIMATED VALUE

MW = MONITORING WELL

SDR = STANDARD DIMENSIONAL RATIO

PW = PUMPING WELL

TW = TEST WELL

µg/L = MICROGRAMS PER LITER (PARTS PER BILLION)

< = LESS THAN

**LEGEND**

- NON-DETECT OR BELOW MOST RESTRICTIVE RESIDENTIAL CRITERIA OF 7.2 µg/L
- EXCEEDS MOST RESTRICTIVE RESIDENTIAL CRITERIA OF 7.2 µg/L
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- AREA OF CONCERN
- FORD PROPERTY BOUNDARY
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- HCS BUILDING

VERONICA AVE
GLENDALE ST
FAIRLANE ST
ROSATI AVE
WADSWORTH ST
BEACON ST
BREWSTER ST
STARK RD
STANDISH ST
BOSTON POST ST
CAPITOL ST
BELDEN CT
PLYMOUTH RD
VAULT V-ESD-1
VAULT V-ESD-2
VAULT V-ESD-3
VAULT V-ESD-4
VAULT V-ESD-5
HCS BUILDING
EDC BUILDING

MW-125S 5/17/2024: < 2.0
MW-129 5/17/2024: < 2.0
MW-125 5/17/2024: < 2.0
MW-129S 5/17/2024: < 2.0
MW-55 5/15/2025:1.5 J
MW-55D 5/15/2025:2.0
MW-122 5/20/2025:1.1 J
MW-57 5/20/2025:1.3 J
MW-54 5/14/2025: 1.7 J
MW-54S 5/14/2025: < 2.0
MW-53 5/20/2025: 1.2 J
MW-214S 5/5/2025: < 2.0
MW-52 5/9/2025:3.1
MW-72 5/1/2025: < 2.0
MW-72S 5/1/2025: < 2.0
MW-62 5/15/2025:< 2.0
MW-50 5/15/2025:1.9 J
MW-234 5/9/2025: <2.0
MW-43 5/9/2025: 4.7
MW-213S 5/9/2025: < 2.0
MW-212S 5/9/2025:< 2.0
MW-63 5/14/2025: < 2.0
MW-235 5/9/2025: <2.0
MW-35 5/9/2025:3.9
MW-64 5/23/2025: < 2.0
MW-74 5/1/2025: 1.9 J
MW-211S 5/9/2025: < 2.0
MW-74S 5/1/2025: < 2.0
MW-48R 5/16/2025: 9.8
MW-42 5/9/2025:1.7 J
MW-67 5/8/2025: < 2.0
MW-15-61D 4/30/2025:< 2.0
MW-68 5/16/2025:2.6
MW-34 5/9/2025: 6.7
MW-47 5/12/2025:1.3 J
MW-210S 5/9/2025: 1.0 J
MW-41 5/9/2025: 13
MW-46 5/12/2025:3.3
MW-69 5/14/2025:8.8
MW-70 5/12/2025:9.1
MW-30 5/9/2025: 10
PW-16-01 5/20/2025:1.0 J
MW-208S 5/9/2025:< 2.0
MW-31 5/9/2025:< 2.0
TW-16-02 5/17/2021:< 2.0
MW-71 5/16/2025: <2.0
TW-16-01 5/18/2021:< 2.0
MW-45 5/16/2025:< 2.0
MW-40 5/9/2025:< 2.0
MW-219S 5/12/2025: < 2.0
MW-218S 5/14/2025:< 2.0
MW-32 5/14/2025: <2.0
MW-38 5/7/2025:< 2.0
MW-33 5/12/2025: <2.0
MW-39 5/14/2025:< 2.0
MW-73SR 5/1/2025: < 2.0
MW-73D 5/1/2025: 2.7
MW-159S 5/2/2025: < 2.0
MW-158S 5/6/2025: < 2.0
MW-109S 5/6/2025: < 2.0
MW-89S 5/2/2025: < 2.0
MW-193S 5/6/2025: < 2.0
MW-84 5/6/2025: < 2.0
MW-99S 5/5/2025: < 2.0
MW-75SR 5/6/2025: < 2.0
MW-75D 5/6/2025: 2.9
MW-84S 5/6/2025: < 2.0
MW-181S 5/6/2025: < 2.0
MW-88S 5/6/2025: < 2.0
MW-209S 5/9/2025: < 2.0
MW-112S 5/6/2025: < 2.0
MW-215S 5/5/2025: < 2.0
MW-180SR 4/28/2025: < 2.0
MW-217S 5/6/2025: < 2.0
MW-100S 5/6/2025: < 2.0
MW-208S 5/9/2025:< 2.0
MW-31 5/9/2025:< 2.0
MW-101S 5/6/2025: < 2.0
MW-76S 5/6/2025: < 2.0
MW-76 5/6/2025: < 2.0
MW-223S 5/5/2025: < 2.0
MW-102 5/8/2025: < 2.0
MW-102S 5/8/2025: < 2.0
MW-105S 5/7/2025: < 2.0
MW-131S 5/2/2025: < 2.0
MW-132S 5/2/2025: < 2.0
MW-85SR 5/2/2025: < 2.0
MW-85 5/2/2025: < 2.0
MW-141S 5/5/2025: < 2.0
MW-79D 5/5/2025: < 2.0
MW-79SR 5/5/2025: < 2.0
MW-95S 5/6/2025: < 2.0
MW-115S 5/5/2025: < 2.0
MW-117S 5/5/2025: < 2.0
MW-157S 4/28/2025: < 2.0
MW-140S 4/28/2025: < 2.0
MW-193S 5/6/2025: < 2.0
MW-84 5/6/2025: < 2.0
MW-161S 5/7/2025: < 2.0
MW-170S 5/6/2025: < 2.0
MW-185S 5/8/2025: < 2.0
MW-99S 5/5/2025: < 2.0
MW-84S 5/6/2025: < 2.0
MW-181S 5/6/2025: < 2.0
MW-88S 5/6/2025: < 2.0
MW-112S 5/6/2025: < 2.0
MW-180SR 4/28/2025: < 2.0
MW-217S 5/6/2025: < 2.0
MW-116S 4/28/2025: < 2.0
MW-126S 4/28/2025: < 2.0
MW-183S 4/28/2025: < 2.0
MW-87 4/30/2025: < 2.0
MW-87S 4/30/2025: < 2.0
MW-110S 4/28/2025: < 2.0
MW-225S 4/28/2025: < 2.0
MW-160S 5/6/2025: < 2.0
MW-118S 5/5/2025: < 2.0
MW-156S 5/5/2025: < 2.0
MW-153S 5/5/2025: < 2.0
MW-155S 5/7/2025: < 2.0
MW-139S 4/28/2025: < 2.0
MW-154S 5/5/2025: < 2.0
MW-78S 5/6/2025: < 2.0
MW-165S 5/5/2025: < 2.0
MW-164S 5/5/2025: < 2.0
MW-119S 5/7/2025: < 2.0
MW-179S 4/28/2025: < 2.0
MW-178S 5/2/2025: < 2.0
MW-175S 8/02/2024: < 2.0
MW-174S 5/7/2025: < 2.0
MW-86S 5/1/2025: < 2.0
MW-216S 4/28/2025: < 2.0
MW-104S 4/28/2025: < 2.0
MW-190 5/15/2024: < 2.0
MW-190S 5/15/2024: < 2.0
MW-191S 5/15/2024: < 2.0
MW-189S 5/16/2024: < 2.0
MW-189 5/16/2024: < 2.0
MW-188S 5/17/2024: < 2.0
MW-187 5/16/2024: < 2.0
MW-187S 5/16/2024: < 2.0
MW-186S 5/19/2022: < 2.0
MW-103S 5/8/2025: < 2.0
MW-136S 5/8/2025: < 2.0
MW-108S 5/8/2025: < 2.0
MW-142S 5/8/2025: < 2.0
MW-147S 5/8/2025: < 2.0
MW-169S 5/7/2025: < 2.0
MW-168S 5/7/2025: < 2.0
MW-171S 5/7/2025: < 2.0
MW-137S 5/7/2025: < 2.0
MW-151S 5/12/2025: < 2.0
MW-123S 5/12/2025: < 2.0
MW-80SR 5/12/2025: < 2.0
MW-152S 5/9/2025: < 2.0
MW-130S 5/9/2025: < 2.0
MW-148S 5/12/2025: < 2.0
MW-145S 5/7/2025: < 2.0
MW-150S 5/12/2025: < 2.0
MW-149S 5/8/2025: < 2.0
MW-98S 5/6/2025: < 2.0
MW-127S 5/8/2025: < 2.0
MW-122S 4/30/2025: < 2.0
MW-92S 4/30/2025: < 2.0
MW-91S 4/30/2025: < 2.0
MW-162S 4/30/2025: < 2.0
MW-163S 5/9/2025: < 2.0
MW-96S 5/1/2025: < 2.0
MW-176S 5/2/2025: < 2.0
MW-121S 5/2/2025: < 2.0
MW-94S 5/7/2025: < 2.0
MW-97S 5/2/2025: < 2.0
MW-77 5/1/2025: < 2.0
MW-77S 5/1/2025: < 2.0
MW-172S 4/30/2025: < 2.0
MW-93S 5/2/2025: < 2.0
MW-173S 2/10/2025: < 2.0
MW-182S 4/30/2025: < 2.0
MW-90S 5/8/2025: < 2.0
MW-128S 5/7/2025: < 2.0
MW-146S 5/7/2025: < 2.0
MW-107S 5/7/2025: < 2.0
MW-166S 5/2/2025: < 2.0
MW-83S 5/7/2025: < 2.0
MW-83 5/7/2025: < 2.0
MW-207S 5/2/2025: < 2.0
MW-82SR 5/6/2025: < 2.0
MW-82D 5/6/2025: < 2.0
MW-133S 5/8/2025: < 2.0
MW-143S 5/7/2025: < 2.0
MW-134S 5/21/2025: < 2.0
MW-111S 5/21/2025: < 2.0
MW-81 5/20/2025: < 2.0
MW-81S 5/20/2025: < 2.0
MW-135S 5/21/2025: < 2.0
MW-144S 5/21/2025: < 2.0
MW-167S 5/20/2025: < 2.0
MW-106S 5/8/2025: < 2.0
MW-138S 5/8/2025: < 2.0
MW-78 5/6/2025: < 2.0
MW-177S 5/7/2025: < 2.0

0 400 800
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# GROUNDWATER - 1,4-DIOXANE

ARCADIS

FIGURE
15

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 16 - Groundwater – Vinyl Chloride.aprx PLOTTED: 22/10/2025 13:24 BY: sbi01179

NOTES:

ALL ANALYTICAL DATA LISTED IN µg/L

ANALYTICAL DATA ANALYZED USING THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY METHOD 8260 OR 8265

DATA COLLECTED FROM MAY 2021 TO MAY 2025

MOST RECENT ANALYTICAL DATA SHOWN AT APPLICABLE WELL LOCATIONS

RESULTS FOR VINYL CHLORIDE ARE COMPARED TO THE PUBLISHED EGLE REMEDIATION AND REDEVELOPMENT DIVISION TARGET DETECTION LIMIT OF 1.0 µg/L

THE EGLE PART 201 GENERIC CLEANUP CRITERIA FOR GROUNDWATER SURFACE WATER INTERFACE FOR VINYL CHLORIDE IS 13 µg/L

EDC = EASTERN DIVERSION CHAMBER

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

ESD = EASTERN STORM DRAIN

HCS = HYDRAULIC CONTROL SYSTEM

HDPE = HIGH-DENSITY POLYETHYLENE

J = ESTIMATED VALUE

MW = MONITORING WELL

SDR = STANDARD DIMENSIONAL RATIO

PW = PUMPING WELL

TW = TEST WELL

µg/L = MICROGRAMS PER LITER (PARTS PER BILLION)

< = LESS THAN

## LEGEND

- NON-DETECT OR BELOW MOST RESTRICTIVE RESIDENTIAL CRITERIA OF 1.0 µg/L
- EXCEEDS MOST RESTRICTIVE RESIDENTIAL CRITERIA OF 1.0 µg/L
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- AREA OF CONCERN
- FORD PROPERTY BOUNDARY
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- HCS BUILDING

VERONICA AVE
GLENDALE ST
FAIRLANE ST
ROSATI AVE
WADSWORTH ST
BELDEN CT
BEACON ST
BREWSTER ST
STANDISH ST
BOSTON POST ST
STARK RD
CAPITOL ST
PLYMOUTH RD
HCS BUILDING
EDC BUILDING
VAULT V-ESD-1
VAULT V-ESD-2
VAULT V-ESD-3
VAULT V-ESD-4
VAULT V-ESD-5

MW-125S 5/17/2024: < 1.0
MW-125 5/17/2024: < 1.0
MW-129 5/17/2024: < 1.0
MW-129S 5/17/2024: < 1.0
MW-55 5/15/2025: < 1.0
MW-55D 5/15/2025: < 1.0
MW-122 5/20/2025: 2.7
MW-57 5/20/2025: 0.71 J
MW-54 5/14/2025: 0.86 J
MW-54S 5/14/2025: < 1.0
MW-53 5/20/2025: 0.74 J
MW-214S 5/5/2025: < 1.0
MW-191S 5/15/2024: < 1.0
MW-190 5/15/2024: < 1.0
MW-190S 5/15/2024: < 1.0
MW-189 5/16/2024: < 1.0
MW-189S 5/16/2024: < 1.0
MW-188S 5/17/2024: < 1.0
MW-102S 5/8/2025: < 1.0
MW-102 5/8/2025: 1.5
MW-105S 5/7/2025: < 1.0
MW-131S 5/2/2025: < 1.0
MW-132S 5/2/2025: < 1.0
MW-187S 5/16/2024: < 1.0
MW-187 5/16/2024: < 1.0
MW-186S 5/19/2022: < 1.0
MW-108S 5/8/2025: < 1.0
MW-142S 5/8/2025: < 1.0
MW-90S 5/8/2025: < 1.0
MW-85SR 5/2/2025: 1.1
MW-85 5/2/2025: 3.2
MW-169S 5/7/2025: < 1.0
MW-103S 5/8/2025: < 1.0
MW-146S 5/7/2025: < 1.0
MW-128S 5/7/2025: < 1.0
MW-166S 5/2/2025: < 1.0
MW-83S 5/7/2025: < 1.0
MW-83 5/7/2025: < 1.0
MW-168S 5/7/2025: < 1.0
MW-136S 5/8/2025: < 1.0
MW-107S 5/7/2025: < 1.0
MW-207S 5/2/2025: < 1.0
MW-82SR 5/6/2025: < 1.0
MW-82D 5/6/2025: < 1.0
MW-133S 5/8/2025: < 1.0
MW-143S 5/7/2025: < 1.0
MW-134S 5/21/2025: < 1.0
MW-111S 5/21/2025: < 1.0
MW-81 5/20/2025: < 1.0
MW-81S 5/20/2025: < 1.0
MW-135S 5/21/2025: < 1.0
MW-144S 5/21/2025: < 1.0
MW-72S 5/1/2025: < 1.0
MW-72 5/1/2025: 0.83 J
MW-52 5/9/2025:1.1
MW-62 5/15/2025:0.76 J
MW-234 5/9/2025: <1.0
MW-43 5/9/2025: < 1.0
MW-50 5/15/2025:100
MW-213S 5/9/2025: < 1.0
MW-63 5/14/2025: < 1.0
MW-235 5/9/2025:2.4
MW-212S 5/9/2025:0.54 J
MW-64 5/23/2025:2.5
MW-35 5/9/2025:0.64 J
MW-73SR 5/1/2025: < 1.0
MW-73D 5/1/2025: < 1.0
MW-74S 5/1/2025: < 1.0
MW-74 5/1/2025: 3.8
MW-48R 5/16/2025: < 1.0
MW-211S 5/9/2025: < 1.0
MW-42 5/9/2025:0.76 J
MW-67 5/8/2025: < 1.0
MW-68 5/16/2025:0.82 J
MW-47 5/12/2025:3.8
MW-46 5/12/2025: 24
MW-70 5/12/2025:520
MW-79D 5/5/2025: 1.5
MW-141S 5/5/2025: < 1.0
MW-160S 5/6/2025: < 1.0
MW-79SR 5/5/2025: < 1.0
MW-95S 5/6/2025: < 1.0
MW-118S 5/5/2025: < 1.0
MW-115S 5/5/2025: < 1.0
MW-156S 5/5/2025: < 1.0
MW-117S 5/5/2025: 0.79 J
MW-159S 5/2/2025: < 1.0
MW-158S 5/6/2025: < 1.0
MW-89S 5/2/2025: < 1.0
MW-109S 5/6/2025: < 1.0
MW-193S 5/6/2025: < 1.0
MW-84 5/6/2025: < 1.0
MW-140S 4/28/2025: < 1.0
MW-157S 4/28/2025: < 1.0
MW-153S 5/5/2025: < 1.0
MW-154S 5/5/2025: < 1.0
MW-155S 5/7/2025: < 1.0
MW-139S 4/28/2025: < 1.0
MW-165S 5/5/2025: < 1.0
MW-164S 5/5/2025: < 1.0
MW-78 5/6/2025: < 1.0
MW-78S 5/1/2025: < 1.0
MW-86 5/1/2025: < 1.0
MW-175S 8/02/2024: < 1.0
MW-177S 5/7/2025: < 1.0
MW-91S 4/30/2025: < 1.0
MW-92S 4/30/2025: < 1.0
MW-178S 5/2/2025: < 1.0
MW-176S 5/2/2025: < 1.0
MW-121S 5/2/2025: < 1.0
MW-94S 5/7/2025: < 1.0
MW-97S 5/2/2025: < 1.0
MW-77 5/1/2025: < 1.0
MW-77S 5/1/2025: < 1.0
MW-172S 4/30/2025: < 1.0
MW-96S 5/1/2025: < 1.0
MW-93S 5/2/2025: < 1.0
MW-173S 2/10/2025: < 1.0
MW-216S 4/28/2025: < 1.0
MW-182S 4/30/2025: < 1.0
MW-225S 4/28/2025: < 1.0
MW-174S 5/7/2025: < 1.0
MW-180SR 4/28/2025: < 1.0
MW-116S 4/28/2025: < 1.0
MW-104S 4/28/2025: < 1.0
MW-126S 4/28/2025: < 1.0
MW-183S 4/28/2025: < 1.0
MW-87S 4/30/2025: < 1.0
MW-87 4/30/2025: < 1.0
MW-110S 4/28/2025: < 1.0
MW-137S 5/7/2025: < 1.0
MW-171S 5/7/2025: < 1.0
MW-151S 5/12/2025: 0.58 J
MW-123S 5/12/2025: < 1.0
MW-80SR 5/12/2025: 1.7
MW-130S 5/9/2025: 1.5
MW-148S 5/12/2025: < 1.0
MW-147S 5/8/2025: < 1.0
MW-150S 5/12/2025: 0.85 J
MW-149S 5/8/2025: 1.1
MW-127S 5/8/2025: 0.94 J
MW-106S 5/8/2025: < 1.0
MW-138S 5/8/2025: 0.83 J
MW-167S 5/20/2025: < 1.0
MW-192S 4/30/2025: < 1.0
MW-152S 5/9/2025: < 1.0
MW-98S 5/6/2025: < 1.0
MW-163S 5/9/2025: < 1.0
MW-162S 4/30/2025: < 1.0
MW-99S 5/5/2025: < 1.0
MW-119S 5/7/2025: < 1.0
MW-179S 4/28/2025: < 1.0
MW-84S 5/6/2025: < 1.0
MW-184S 4/28/2025: < 1.0
MW-193S 5/6/2025: < 1.0
MW-161S 5/7/2025: < 1.0
MW-185S 5/8/2025: < 1.0
MW-170S 5/6/2025: < 1.0
MW-15-61D 4/30/2025: < 1.0
MW-34 5/9/2025: 0.94 J
MW-210S 5/9/2025: 11
MW-75SR 5/6/2025: < 1.0
MW-75D 5/6/2025: 1.6
MW-41 5/9/2025: 1.0
MW-209S 5/9/2025: 1.1
MW-69 5/14/2025:0.50 J
MW-30 5/9/2025: < 1.0
MW-208S 5/9/2025: < 1.0
MW-100S 5/6/2025: < 1.0
MW-88S 5/6/2025: < 1.0
MW-112S 5/6/2025: < 1.0
MW-215S 5/5/2025: < 1.0
MW-217S 5/6/2025: < 1.0
MW-86S 5/1/2025: < 1.0
MW-180SR 4/28/2025: < 1.0
MW-31 5/9/2025: < 1.0
MW-40 5/9/2025:1.1
MW-76 5/6/2025: < 1.0
MW-76S 5/6/2025: < 1.0
MW-101S 5/6/2025: < 1.0
MW-223S 5/5/2025: < 1.0
MW-32 5/14/2025: < 1.0
MW-218S 5/14/2025: <1.0
MW-39 5/14/2025: < 1.0
MW-219S 5/12/2025: < 1.0
MW-38 5/7/2025: < 1.0
MW-33 5/12/2025: < 1.0
TW-16-02 5/17/2021: 5,100
TW-16-01 5/18/2021: 150
PW-16-01 5/20/2025:890
MW-71 5/16/2025: 0.47 J
MW-45 5/16/2025:260

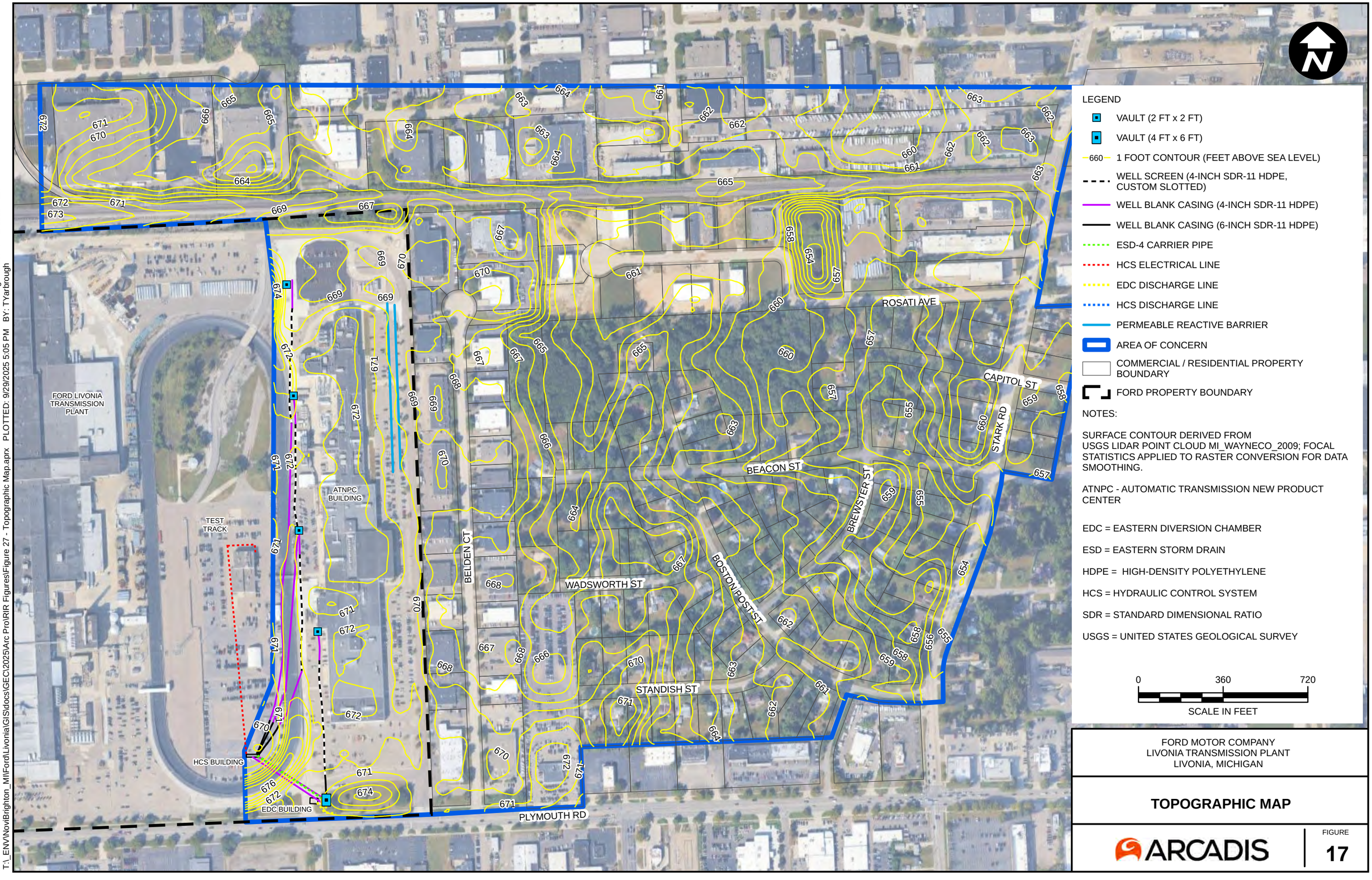
0 400 800
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# GROUNDWATER - VINYL CHLORIDE

ARCADIS

FIGURE
16




LEGEND

- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- 660 — 1 FOOT CONTOUR (FEET ABOVE SEA LEVEL)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- HCS DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- AREA OF CONCERN
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY

NOTES:

SURFACE CONTOUR DERIVED FROM USGS LIDAR POINT CLOUD MI_WAYNECO_2009; FOCAL STATISTICS APPLIED TO RASTER CONVERSION FOR DATA SMOOTHING.

ATNPC - AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC = EASTERN DIVERSION CHAMBER

ESD = EASTERN STORM DRAIN

HDPE = HIGH-DENSITY POLYETHYLENE

HCS = HYDRAULIC CONTROL SYSTEM

SDR = STANDARD DIMENSIONAL RATIO

USGS = UNITED STATES GEOLOGICAL SURVEY

0 360 720

SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# TOPOGRAPHIC MAP

ARCADIS

FIGURE 17

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MIFord\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 27 - Topographic Map.aprx PLOTTED: 9/29/2025 5:05 PM BY: TYarbrough

END MORAINES OF MEDIUM-TEXTURED TILL

GLACIAL OUTWASH SAND AND GRAVEL, AND POST GLACIAL ALLUVIUM

END MORAINES OF FINE-TEXTURED TILL

LACUSTRINE CLAY AND SILT

MIDDLE ROUGE

LACUSTRINE SAND AND GRAVEL

LACUSTRINE CLAY AND SILT

N

**LEGEND**

- FORMER SHORELINE
- NATIONAL HYDROGRAPHY DATASET STREAM
- AREA OF CONCERN
- FORD PROPERTY BOUNDARY

NOTES:

QUATERNARY GEOLOGY FROM FARRAND, W.R. AND BELL, D.L., 1982, QUATERNARY GEOLOGY OF MICHIGAN, MICHIGAN DEPARTMENT OF NATURAL RESOURCES, GEOLOGICAL SURVEY DIVISION

GEOLOGIC LINE FEATURES FROM FARRAND, W.R. AND BELL, D.L., 1984, QUATERNARY GEOLOGY OF MICHIGAN, MICHIGAN DEPARTMENT OF NATURAL RESOURCES, GEOLOGICAL SURVEY DIVISION

0 4,000 8,000

SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

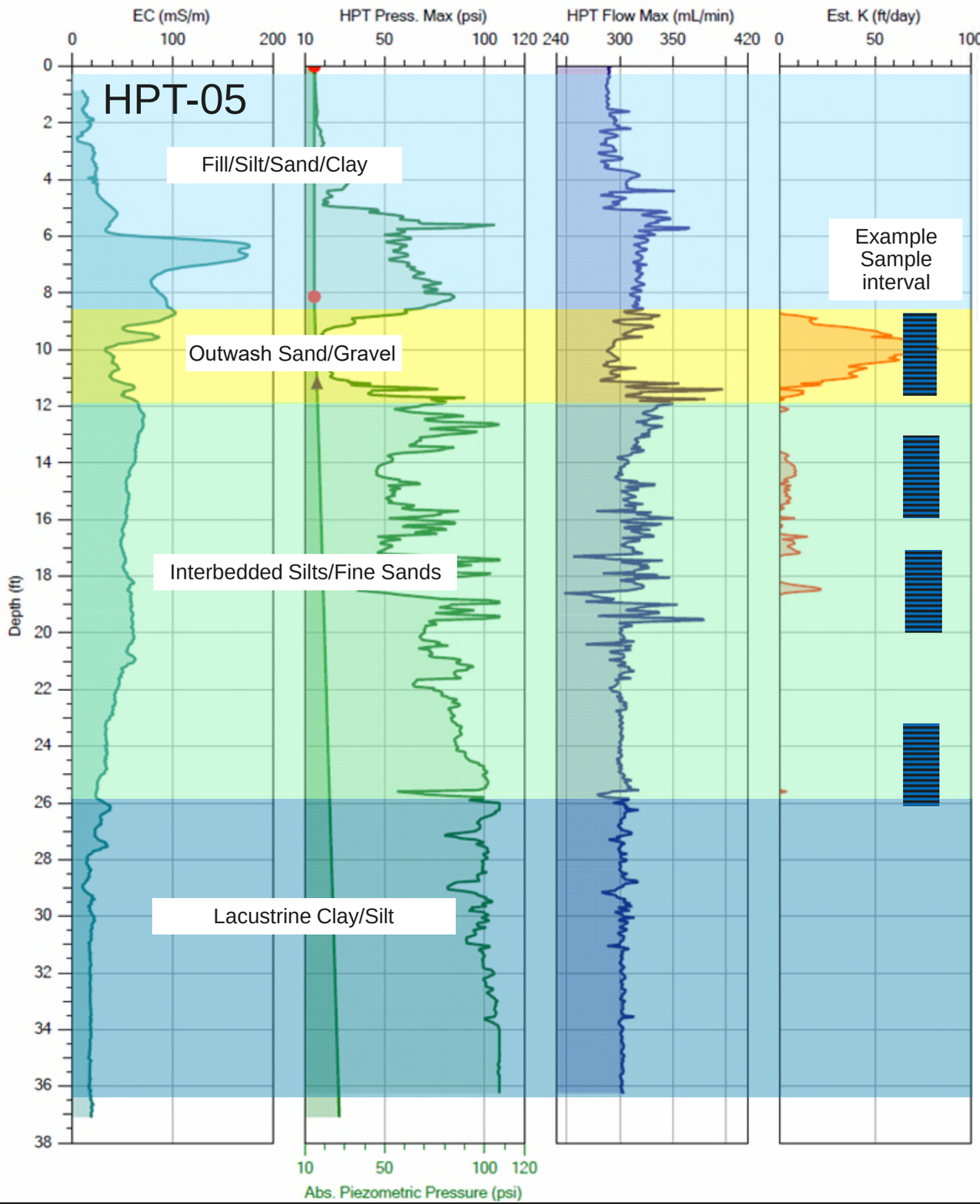
# REGIONAL GEOLOGIC MAP

ARCADIS

FIGURE 18

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 14 - Regional Geologic Map.aprx PLOTTED: 10/7/2025 12:10 PM BY: berap1012

# Example HPT Log






The Geoprobe® Hydraulic Profiling Tool is a direct push probe that injects small amount of water into the formation and records pressure response.

**Flow (Q) / Pressure (P) = Permeability (Q/P)**

Permeability is Q/P corrected by an empirical relationship developed by Geoprobe®.

Lacustrine clay/silt approximately 60 feet thick, weathered shale present at approximately 91.5 feet below ground surface, based on the boring log for MW-15-61D.

Boring logs are included within Appendix B - Boring Logs and HPT Logs.

**Notes:**
Abs. = absolute
EC = electrical conductivity
Est. K = permeability
ft = feet
HPT = hydraulic profiling tool
mL/min = milliliters per minute

mS/m = millisiemens per meter
psi = pounds per square inch

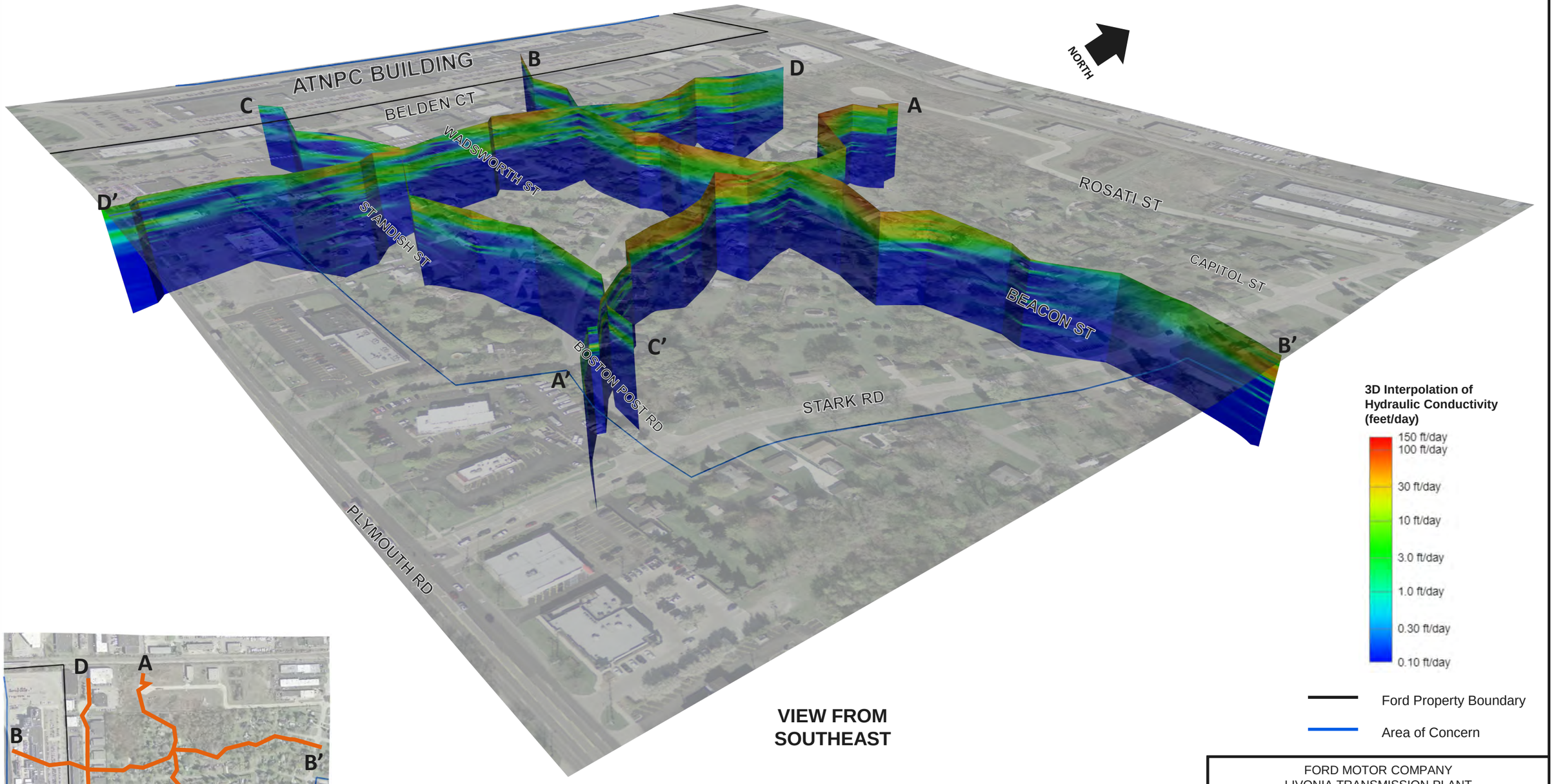
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

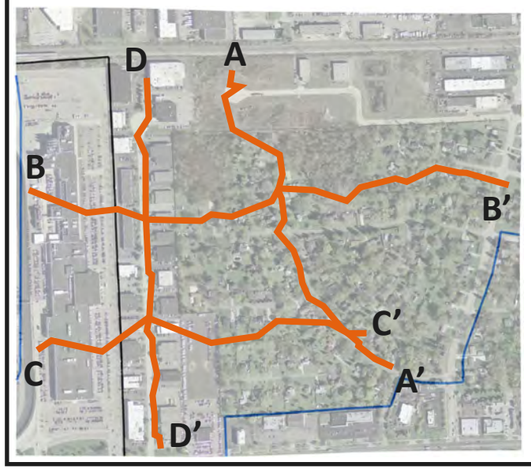
**TYPICAL SITE STRATIGRAPHIC COLUMN**

ARCADIS

FIGURE
**19**

\\arcadis-us.com\officedata\Novi-MI\COMMON\Ford\Livonia\04 Draft Reports\17-08-21 CSM\Figures PIC: R. ELLIS PM: MEGAN MECKLEY TM: A. PAULSON PROJECT NUMBER: 30251157




**VIEW FROM SOUTHEAST**

**3D Interpolation of Hydraulic Conductivity (feet/day)**

- 150 ft/day
- 100 ft/day
- 30 ft/day
- 10 ft/day
- 3.0 ft/day
- 1.0 ft/day
- 0.30 ft/day
- 0.10 ft/day

Ford Property Boundary

Area of Concern

Notes:
1. Vertical Exaggeration = 10X
2. This color scheme also generally represents the soil types, with the coarsest sands shown as red and orange, finer sands as yellow, silts as green, and clays as blue.
3. ATNPC = Automatic Transmission New Product Center
4. 3D = 3-Dimensional

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# 3D INTERPRETATION OF ESTIMATED HYDRAULIC CONDUCTIVITY

ARCADIS

FIGURE 20

CITY: Novi DIV:ENV DB:MG PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
G:\COMMON\Ford\Livonia\04 Draft Reports\22-11-20 RIR\Figures\Figure 16 – 3D Interpretation of Estimated Hydraulic Conductivity.pdf PLOTTED: 11/15/2022 BY: dolexa

ROSATI AVE
CAPITOL ST
BEACON ST
BELDEN CT
WADSWORTH ST
BREWSTER ST
STARK RD
STANDISH ST
BOSTON POST ST
Google Earth

LEGEND

× DEPTH TO CLAY (FT BGS)

DEPTH TO CLAY CONTOUR (FT BGS)

AREA OF CONCERN

FORD PROPERTY BOUNDARY

COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY

NOTES:

DEPTH TO CLAY LAYER BASED ON HYDRAULIC PROFILING TOOL BORING LOGS AND MONITORING WELL BORING LOGS FROM OCTOBER 2015 TO JANUARY 2020.

CONTOURS GENERATED USING NATURAL NEIGHBOR INTERPOLATION

FT BGS = FEET BELOW GROUND SURFACE

0 400 800

SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# DEPTH TO CLAY MAP

ARCADIS

FIGURE 21

T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC2025\Arc Pro\RIR Figures\Figure 32 - Depth to Clay Map.aprx PLOTTED: 10/30/2025 11:32 AM BY: TYarbrough

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 03B - Former Drain Location.aprx PLOTTED: 10/10/2025 12:15 BY: sbi01179

# FORD LIVONIA TRANSMISSION PLANT

**LEGEND**

- VERTICAL AQUIFER PROFILE (VAP) BORING
- SOIL VAPOR MONITORING POINT (SVMP)
- HYDRAULIC PROFILING TOOL (HPT) BORING
- MONITORING WELL (MW)
- PIEZOMETER (PZ)
- TEXT ABANDONED LOCATION
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- FORMER DRAIN
- AREA OF CONCERN
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- HCS BUILDING
- THESE PROPERTIES ARE ALSO BEING EVALUATED IN THE OFF-SITE UTILITY CORRIDOR – PLYMOUTH ROAD, STARK ROAD, HATHAWAY AVENUE, AND FARMINGTON ROAD REMEDIAL INVESTIGATION REPORT

NOTES:

ATNPC - AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC = EASTERN DIVERSION CHAMBER

ESD = EASTERN STORM DRAIN

HDPE = HIGH-DENSITY POLYETHYLENE

HCS = HYDRAULIC CONTROL SYSTEM

PW = PUMPING WELL

SDR = STANDARD DIMENSIONAL RATIO

TW = TEST WELL

ROSATI AVE

ATNPC BUILDING

HCS BUILDING

EDC BUILDING

VAULT V-ESD-1

VAULT V-ESD-2

VAULT V-ESD-3

VAULT V-ESD-4

VAULT V-ESD-5

WADSWORTH ST

BEACON ST

BREWSTER ST

STARK RD

CAPITOL ST

STANDISH ST

BOSTON POST ST

PLYMOUTH RD

BELDEN CT

0 400 800

SCALE IN FEET

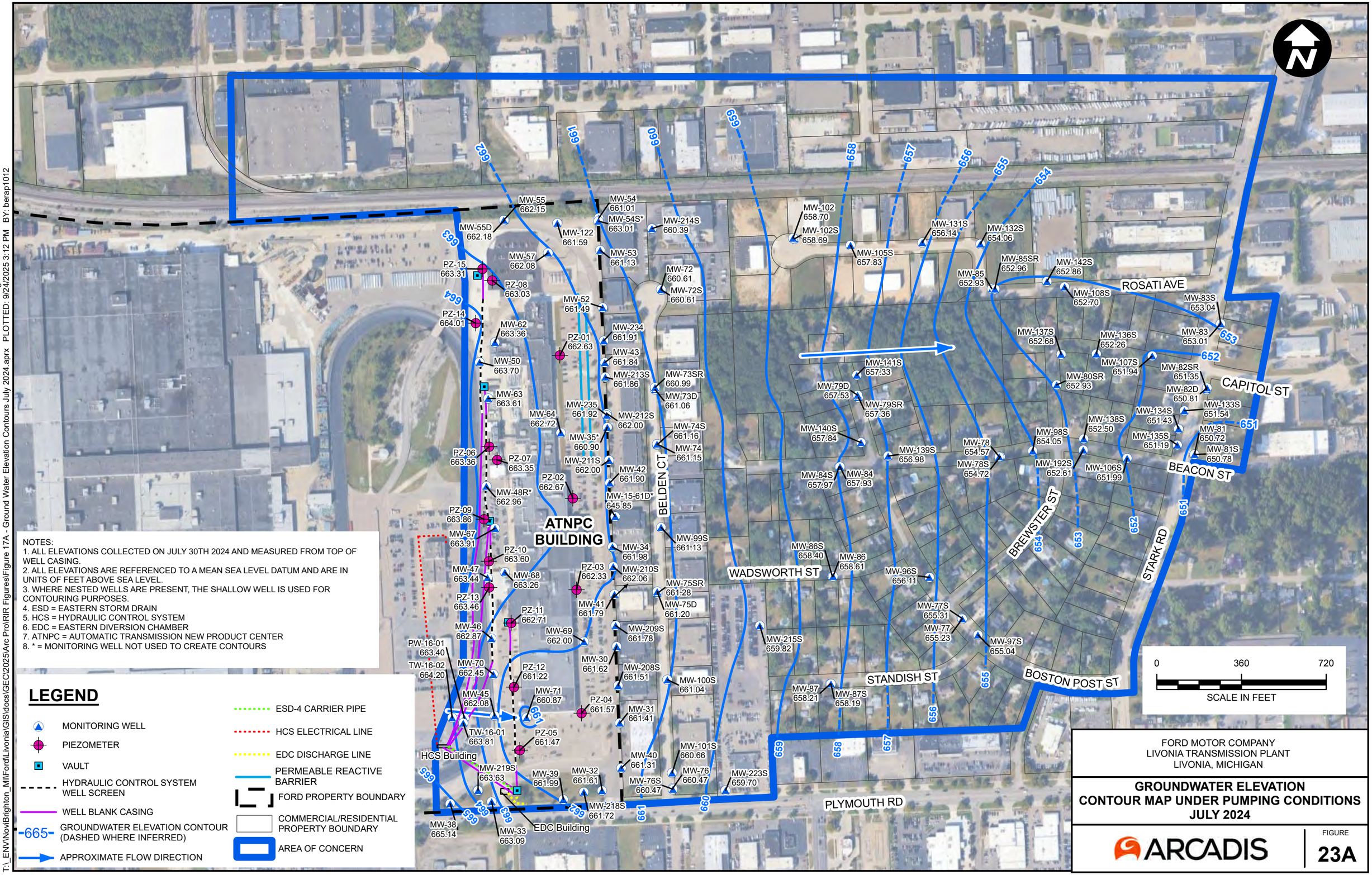
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

**FORMER DRAIN LOCATION**

ARCADIS

FIGURE
**22**

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\FordLivonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 17A - Ground Water Elevation Contours July 2024.aprx PLOTTED: 9/24/2025 3:12 PM BY: berap1012




NOTES:
1. ALL ELEVATIONS COLLECTED ON JULY 30TH 2024 AND MEASURED FROM TOP OF WELL CASING.
2. ALL ELEVATIONS ARE REFERENCED TO A MEAN SEA LEVEL DATUM AND ARE IN UNITS OF FEET ABOVE SEA LEVEL.
3. WHERE NESTED WELLS ARE PRESENT, THE SHALLOW WELL IS USED FOR CONTOURING PURPOSES.
4. ESD = EASTERN STORM DRAIN
5. HCS = HYDRAULIC CONTROL SYSTEM
6. EDC = EASTERN DIVERSION CHAMBER
7. ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER
8. * = MONITORING WELL NOT USED TO CREATE CONTOURS

## LEGEND

- MONITORING WELL
- PIEZOMETER
- VAULT
- HYDRAULIC CONTROL SYSTEM WELL SCREEN
- WELL BLANK CASING
- -665- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- APPROXIMATE FLOW DIRECTION
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- FORD PROPERTY BOUNDARY
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY
- AREA OF CONCERN

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

**GROUNDWATER ELEVATION CONTOUR MAP UNDER PUMPING CONDITIONS JULY 2024**

ARCADIS

FIGURE **23A**

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEO\2025\Arc Pro\RIR Figures\Figure 17B-17C-17D- Ground Water Elevation Contour November 2024, February 2025 and April 2025.aprx PLOTTED: 9/24/2025 3:19 PM BY: berap1012

NOTES:
1. ALL ELEVATIONS COLLECTED ON NOVEMBER 5TH, 2024 AND MEASURED FROM TOP OF WELL CASING.
2. ALL ELEVATIONS ARE REFERENCED TO A MEAN SEA LEVEL DATUM AND ARE IN UNITS OF FEET ABOVE SEA LEVEL.
3. WHERE NESTED WELLS ARE PRESENT, THE SHALLOW WELL IS USED FOR CONTOURING PURPOSES.
4. EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
5. ESD = EASTERN STORM DRAIN
6. HCS = HYDRAULIC CONTROL SYSTEM
7. EDC = EASTERN DIVERSION CHAMBER
8. ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER
9. * = MONITORING WELL NOT USED TO CREATE CONTOURS

## LEGEND

- MONITORING WELL
- PIEZOMETER
- VAULT
- HYDRAULIC CONTROL SYSTEM WELL SCREEN
- WELL BLANK CASING
- -665- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- APPROXIMATE FLOW DIRECTION
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- FORD PROPERTY BOUNDARY
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY
- AREA OF CONCERN

ATNPC BUILDING
HCS Building
EDC Building
ROSATI AVE
CAPITOL ST
BEACON ST
BELDEN CT
BREWSTER ST
STARK RD
WADSWORTH ST
STANDISH ST
BOSTON POST ST
PLYMOUTH RD

0 360 720
SCALE IN FEET

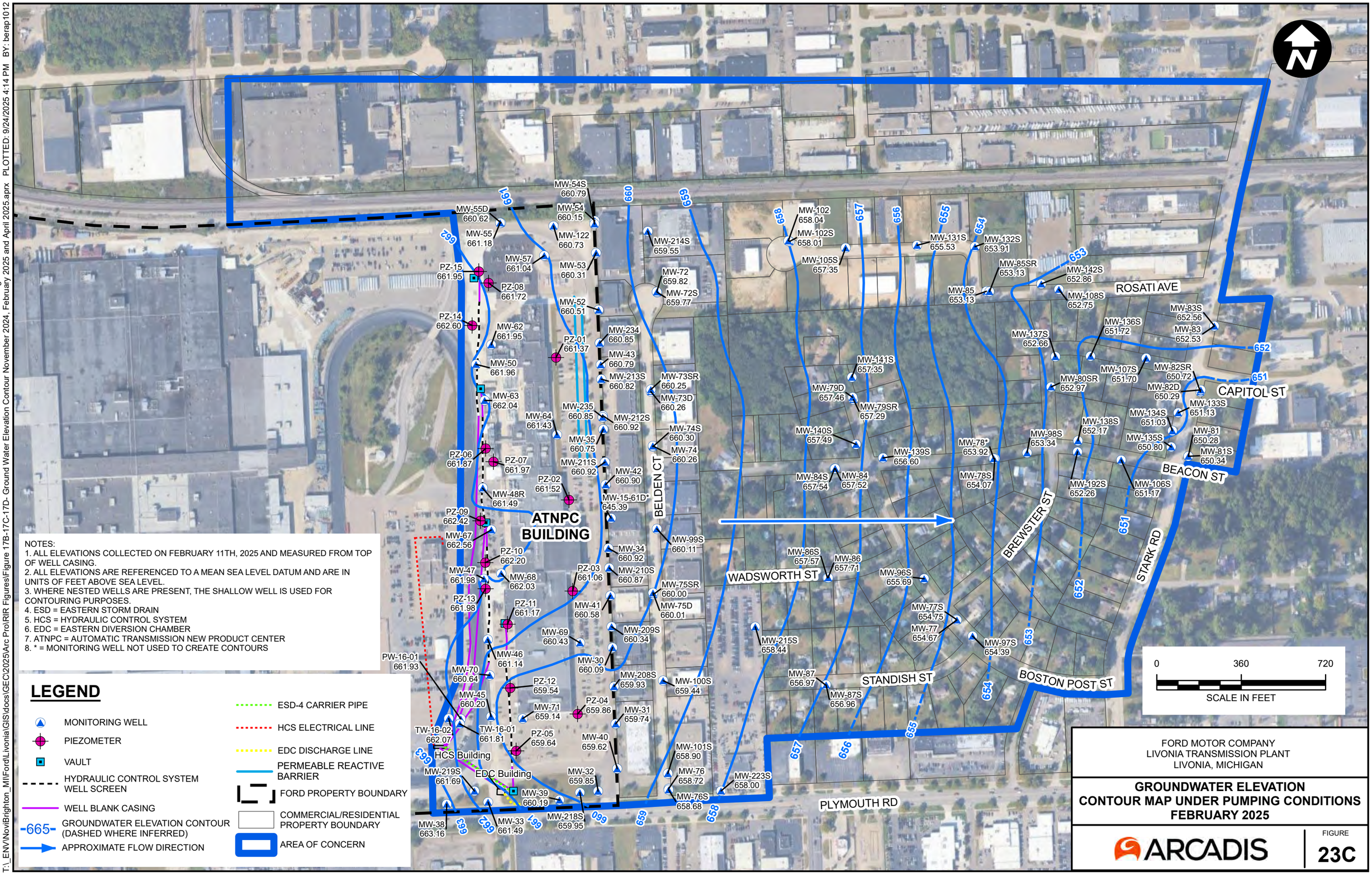
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

**GROUNDWATER ELEVATION CONTOUR MAP UNDER PUMPING CONDITIONS NOVEMBER 2024**

ARCADIS

FIGURE
**23B**

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 17B-17C-17D- Ground Water Elevation Contour November 2024, February 2025 and April 2025.aprx PLOTTED: 9/24/2025 4:14 PM BY: berap1012




NOTES:
1. ALL ELEVATIONS COLLECTED ON FEBRUARY 11TH, 2025 AND MEASURED FROM TOP OF WELL CASING.
2. ALL ELEVATIONS ARE REFERENCED TO A MEAN SEA LEVEL DATUM AND ARE IN UNITS OF FEET ABOVE SEA LEVEL.
3. WHERE NESTED WELLS ARE PRESENT, THE SHALLOW WELL IS USED FOR CONTOURING PURPOSES.
4. ESD = EASTERN STORM DRAIN
5. HCS = HYDRAULIC CONTROL SYSTEM
6. EDC = EASTERN DIVERSION CHAMBER
7. ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER
8. * = MONITORING WELL NOT USED TO CREATE CONTOURS

## LEGEND

- MONITORING WELL
- PIEZOMETER
- VAULT
- HYDRAULIC CONTROL SYSTEM WELL SCREEN
- WELL BLANK CASING
- -665- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- APPROXIMATE FLOW DIRECTION
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- FORD PROPERTY BOUNDARY
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY
- AREA OF CONCERN

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# GROUNDWATER ELEVATION CONTOUR MAP UNDER PUMPING CONDITIONS FEBRUARY 2025

ARCADIS

FIGURE
23C

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 17B-17C-17D- Ground Water Elevation Contour November 2024, February 2025 and April 2025.aprx PLOTTED: 9/24/2025 3:19 PM BY: berap1012

NOTES:
1. ALL ELEVATIONS COLLECTED ON ARIL 29TH, 2025 AND MEASURED FROM TOP OF WELL CASING.
2. ALL ELEVATIONS ARE REFERENCED TO A MEAN SEA LEVEL DATUM AND ARE IN UNITS OF FEET ABOVE SEA LEVEL.
3. WHERE NESTED WELLS ARE PRESENT, THE SHALLOW WELL IS USED FOR CONTOURING PURPOSES.
4. ESD = EASTERN STORM DRAIN
5. HCS = HYDRAULIC CONTROL SYSTEM
6. EDC = EASTERN DIVERSION CHAMBER
7. ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER
8. * = MONITORING WELL NOT USED TO CREATE CONTOURS

## LEGEND

- MONITORING WELL
- PIEZOMETER
- VAULT
- HYDRAULIC CONTROL SYSTEM WELL SCREEN
- WELL BLANK CASING
- -665- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- APPROXIMATE FLOW DIRECTION
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- FORD PROPERTY BOUNDARY
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY
- AREA OF CONCERN

ATNPC BUILDING
HCS Building
EDC Building
BELDEN CT
WADSWORTH ST
ROSATI AVE
CAPITOL ST
BEACON ST
BREWSTER ST
STARK RD
STANDISH ST
BOSTON POST ST
PLYMOUTH RD

0 360 720
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

**GROUNDWATER ELEVATION CONTOUR MAP UNDER PUMPING CONDITIONS APRIL 2025**

ARCADIS

FIGURE **23D**

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\FordLivonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 24 - Vadose Zone Thickness.aprx PLOTTED: 22/10/2025 14:05 BY: sbi01179

## LEGEND

- NON-DETECT OR BELOW THE MOST RESTRICTIVE RESIDENTIAL CRITERIA (1.0 µg/L) FOR VINYL CHLORIDE
- EXCEEDS THE MOST RESTRICTIVE RESIDENTIAL CRITERIA (1.0 µg/L) FOR VINYL CHLORIDE
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- HCS DISCHARGE LINE
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- PERMEABLE REACTIVE BARRIER
- AREA OF CONCERN
- FORD PROPERTY BOUNDARY
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY

NOTES:

ALL ANALYTICAL DATA LISTED IN µg/L

ANALYZED USING THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY METHOD 8260 OR 8260B

DATA COLLECTED FROM MAY 2022 TO MAY 2025

MOST RECENT ANALYTICAL DATA FROM SHALLOW INTERVAL MONITORING WELLS ONLY ARE SHOWN ON THE FIGURE.

RESULTS FOR VINYL CHLORIDE ARE COMPARED TO THE PUBLISHED EGLE REMEDIATION AND REDEVELOPMENT DIVISION TARGET DETECTION LIMIT OF 1.0 µg/L

VADOSE ZONE THICKNESS IS BASED ON HYDRAULIC PROFILING TOOL BORINGS AND SELECT MONITORING WELLS

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC - EASTERN DIVERSION CHAMBER

ESD = EASTERN STORM DRAIN

HCS - HYDRAULIC CONTROL SYSTEM

HDPE = HIGH-DENSITY POLYETHYLENE

J = ESTIMATED VALUE

MW = MONITORING WELL

SDR = STANDARD DIMENSIONAL RATIO

µg/L = MICROGRAMS PER LITER (PARTS PER BILLION)

< = LESS THAN

MW-125S 5/17/2024: < 1.0
MW-129S 5/17/2024: < 1.0
MW-190S 5/15/2024: < 1.0
MW-191S 5/15/2024: < 1.0
MW-189S 5/16/2024: < 1.0
MW-188S 5/17/2024: < 1.0
MW-54S 5/14/2025: < 1.0
MW-214S 5/5/2025: < 1.0
MW-102S 5/8/2025: < 1.0
MW-131S 5/2/2025: < 1.0
MW-132S 5/2/2025: < 1.0
MW-105S 5/7/2025: < 1.0
ROSATI AVE
MW-187S 5/16/2024: < 1.0
MW-72S 5/1/2025: < 1.0
MW-85SR 5/2/2025: 1.1
MW-108S 5/8/2025: < 1.0
MW-142S 5/8/2025: < 1.0
MW-186S 5/19/2022: < 1.0
MW-90S 5/8/2025: < 1.0
MW-146S 5/7/2025: < 1.0
MW-166S 5/2/2025: < 1.0
MW-83S 5/7/2025: < 1.0
MW-169S 5/7/2025: < 1.0
MW-103S 5/8/2025: < 1.0
MW-128S 5/7/2025: < 1.0
MW-168S 5/7/2025: < 1.0
MW-136S 5/8/2025: < 1.0
MW-107S 5/7/2025: < 1.0
MW-207S 5/2/2025: < 1.0
MW-82SR 5/6/2025: < 1.0
CAPITOL ST
MW-145S 5/7/2025: < 1.0
MW-147S 5/8/2025: < 1.0
MW-150S 5/12/2025: 0.85 J
MW-133S 5/8/2025: < 1.0
MW-143S 5/7/2025: < 1.0
MW-134S 5/21/2025: < 1.0
MW-111S 5/21/2025: < 1.0
MW-81S 5/20/2025: < 1.0
MW-135S 5/21/2025: < 1.0
MW-144S 5/21/2025: < 1.0
MW-167S 5/20/2025: < 1.0
MW-192S 4/30/2025: < 1.0
MW-92S 4/30/2025: < 1.0
MW-91S 4/30/2025: < 1.0
MW-178S 5/2/2025: < 1.0
MW-176S 5/2/2025: < 1.0
MW-121S 5/2/2025: < 1.0
MW-94S 5/7/2025: < 1.0
MW-97S 5/2/2025: < 1.0
MW-77S 5/1/2025: < 1.0
MW-172S 4/30/2025: < 1.0
MW-106S 5/8/2025: < 1.0
MW-138S 5/8/2025: 0.83 J
MW-127S 5/8/2025: 0.94 J
MW-149S 5/8/2025: 1.1
MW-148S 5/12/2025: < 1.0
MW-80SR 5/12/2025: 1.7
MW-123S 5/12/2025: < 1.0
MW-151S 5/12/2025: 0.58 J
MW-171S 5/7/2025: < 1.0
MW-137S 5/7/2025: < 1.0
MW-141S 5/5/2025: < 1.0
MW-160S 5/6/2025: < 1.0
MW-79SR 5/5/2025: < 1.0
MW-95S 5/6/2025: < 1.0
MW-118S 5/5/2025: < 1.0
MW-156S 5/5/2025: < 1.0
MW-115S 5/5/2025: < 1.0
MW-213S 5/9/2025: < 1.0
MW-73SR 5/1/2025: < 1.0
MW-212S 5/9/2025:0.54 J
MW-159S 5/2/2025: < 1.0
MW-117S 5/5/2025: 0.79 J
MW-157S 4/28/2025: < 1.0
MW-158S 5/6/2025: < 1.0
MW-74S 5/1/2025: < 1.0
MW-89S 5/2/2025: < 1.0
MW-140S 4/28/2025: < 1.0
MW-109S 5/6/2025: < 1.0
MW-193S 5/6/2025: < 1.0
MW-211S 5/9/2025: < 1.0
MW-139S 4/28/2025: < 1.0
BEACON ST
MW-130S 5/9/2025: 1.5
MW-153S 5/5/2025: < 1.0
MW-154S 5/5/2025: < 1.0
MW-152S 5/9/2025: < 1.0
MW-155S 5/7/2025: < 1.0
MW-98S 5/6/2025: < 1.0
MW-161S 5/7/2025: < 1.0
MW-165S 5/5/2025: < 1.0
MW-163S 5/9/2025: < 1.0
MW-164S 5/5/2025: < 1.0
MW-162S 4/30/2025: < 1.0
BREWSTER ST
MW-170S 5/6/2025: < 1.0
MW-185S 5/8/2025: < 1.0
MW-184S 5/7/2025: < 1.0
MW-84S 5/6/2025: < 1.0
MW-179S 4/28/2025: < 1.0
MW-119S 5/7/2025: < 1.0
MW-99S 5/5/2025: < 1.0
MW-78S 5/6/2025: < 1.0
MW-177S 5/7/2025: < 1.0
MW-210S 5/9/2025: 11
MW-75SR 5/6/2025: < 1.0
MW-181S 5/6/2025: < 1.0
WADSWORTH ST
MW-175S 8/02/2024: < 1.0
MW-174S 5/7/2025: < 1.0
MW-86S 5/1/2025: < 1.0
MW-96S 5/1/2025: < 1.0
MW-93S 5/2/2025: < 1.0
MW-180SR 4/28/2025: < 1.0
MW-88S 5/6/2025: < 1.0
MW-173S 2/10/2025: < 1.0
MW-112S 5/6/2025: < 1.0
MW-116S 4/28/2025: < 1.0
MW-209S 5/9/2025: 1.1
MW-215S 5/5/2025: < 1.0
MW-216S 4/28/2025: < 1.0
MW-104S 4/28/2025: < 1.0
MW-182S 4/30/2025: < 1.0
MW-217S 5/6/2025: < 1.0
BELDEN CT
STARK RD
MW-126S 4/28/2025: < 1.0
STANDISH ST
MW-225S 4/28/2025: < 1.0
MW-208S 5/9/2025: < 1.0
MW-100S 5/6/2025: < 1.0
MW-183S 4/28/2025: < 1.0
MW-87S 4/30/2025: < 1.0
MW-110S 4/28/2025: < 1.0
BOSTON POST ST
MW-101S 5/6/2025: < 1.0
MW-219S 5/12/2025: < 1.0
MW-223S 5/5/2025: < 1.0
MW-76S 5/6/2025: < 1.0
PLYMOUTH RD
MW-218S 5/14/2025: <1.0
VAULT V-ESD-1
VAULT V-ESD-2
VAULT V-ESD-3
VAULT V-ESD-4
VAULT V-ESD-5
ATNPC BUILDING
HCS BUILDING
EDC BUILDING

VADOSE ZONE THICKNESS IN FEET BELOW GROUND SURFACE

- > 10.0
- 9.1 - 10.0
- 8.1 - 9.0
- 7.1 - 8.0
- 6.1 - 7.0
- 5.1 - 6.0
- 4.1 - 5.0
- 3.1 - 4.0
- 2.1 - 3.0
- < 2.0

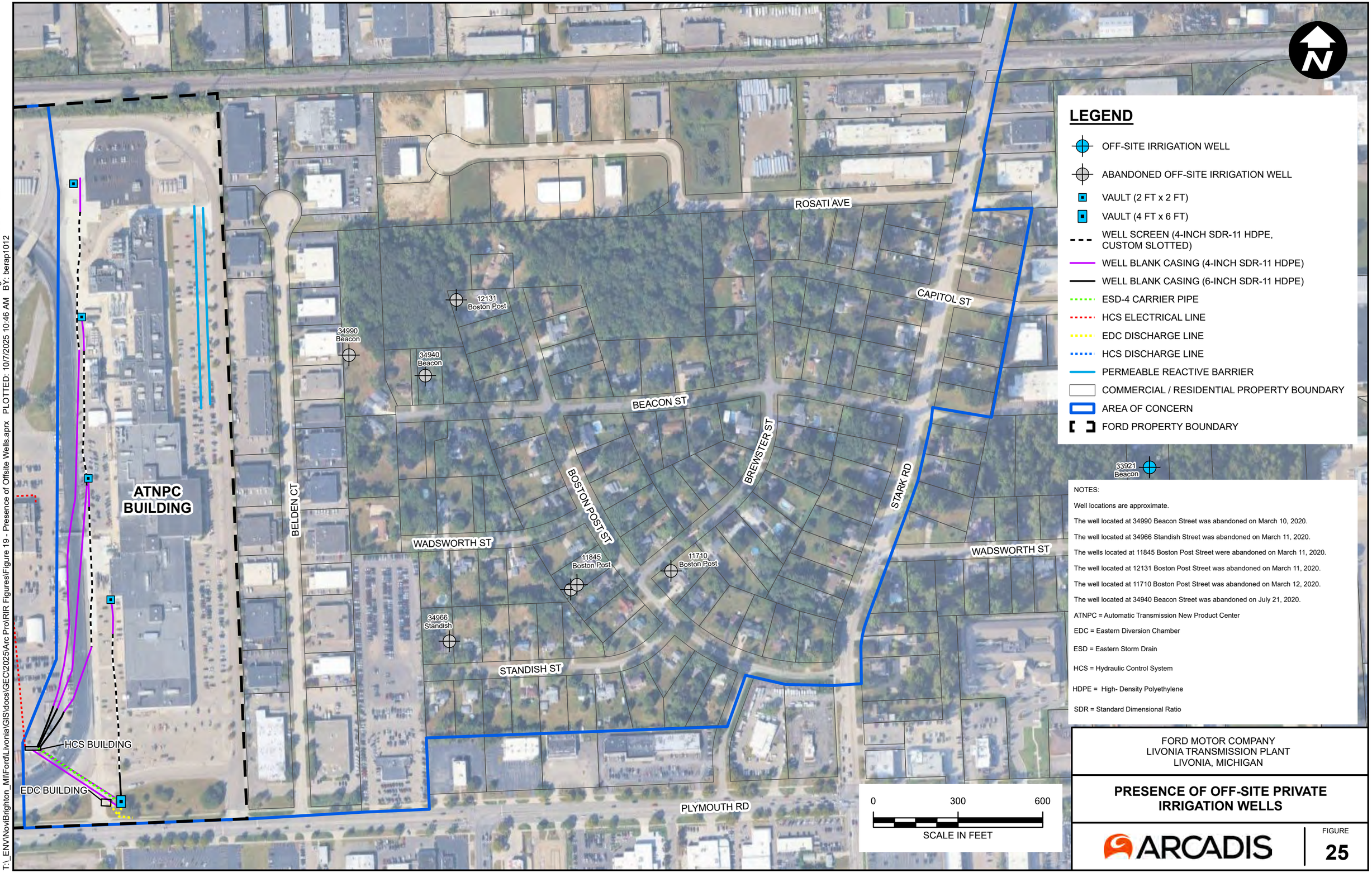
0 400 800
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# VADOSE ZONE THICKNESS

ARCADIS

FIGURE 24




NOTES:

Well locations are approximate.

The well located at 34990 Beacon Street was abandoned on March 10, 2020.

The well located at 34966 Standish Street was abandoned on March 11, 2020.

The wells located at 11845 Boston Post Street were abandoned on March 11, 2020.

The well located at 12131 Boston Post Street was abandoned on March 11, 2020.

The well located at 11710 Boston Post Street was abandoned on March 12, 2020.

The well located at 34940 Beacon Street was abandoned on July 21, 2020.

ATNPC = Automatic Transmission New Product Center

EDC = Eastern Diversion Chamber

ESD = Eastern Storm Drain

HCS = Hydraulic Control System

HDPE = High- Density Polyethylene

SDR = Standard Dimensional Ratio

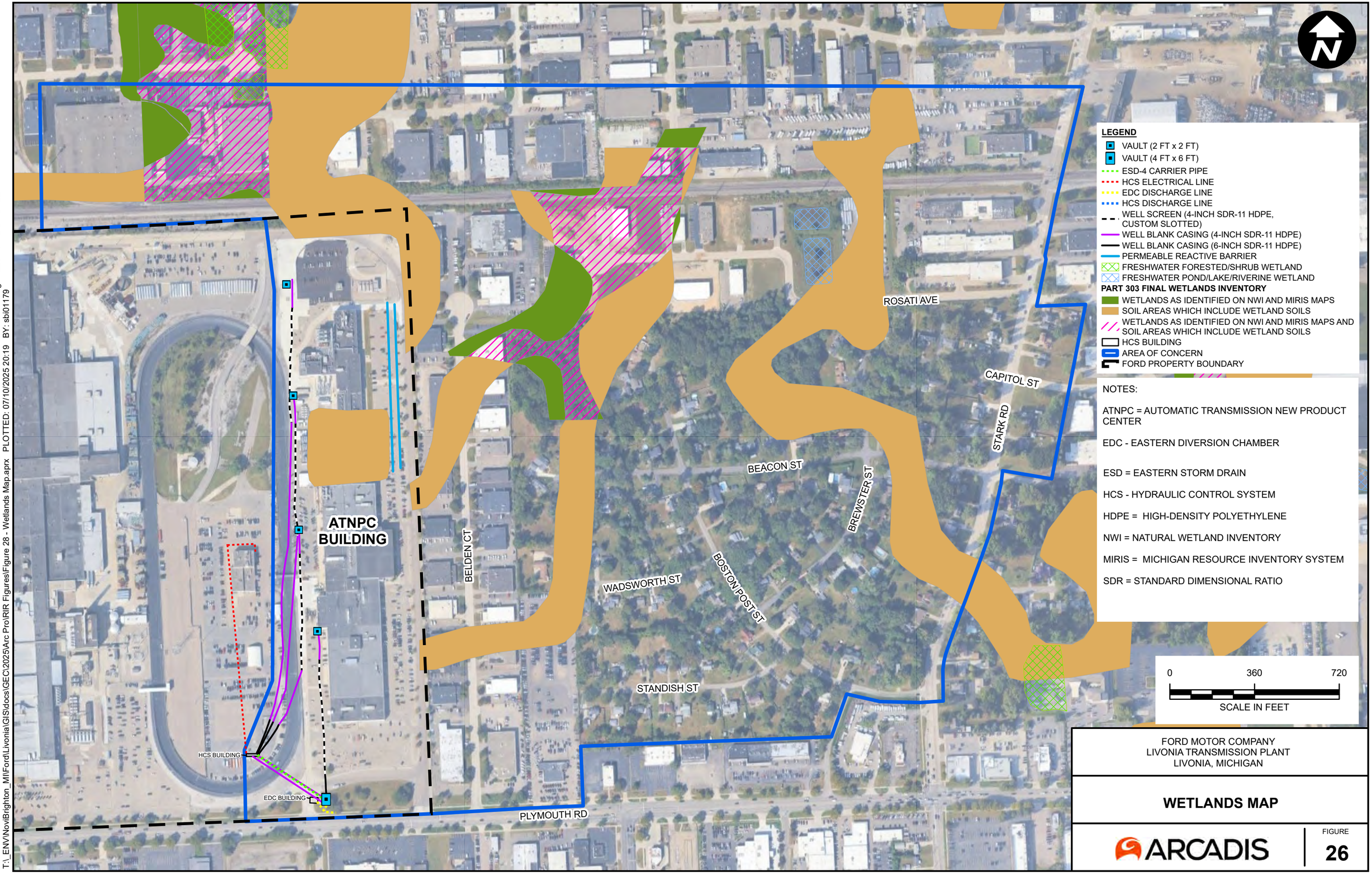
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# PRESENCE OF OFF-SITE PRIVATE IRRIGATION WELLS

ARCADIS

FIGURE
25

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 19 - Presence of Offsite Wells.aprx PLOTTED: 10/7/2025 10:46 AM BY: berap1012




FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# WETLANDS MAP

ARCADIS

FIGURE
26

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 28 - Wetlands Map.aprx PLOTTED: 07/10/2025 20:19 BY: sbi01179

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 33 - Depth to Water_April 2025.aprx PLOTTED: 10/7/2025 11:05 AM BY: berap1012

NOTES:

ALL DEPTHS TO WATER WERE COLLECTED ON APRIL 29TH, 2025 AND MEASURED FROM TOP OF WELL CASING.

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC = EASTERN DIVERSION CHAMBER

ESD = EASTERN STORM DRAIN

HCS = HYDRAULIC CONTROL SYSTEM

PW = PUMPING WELL

TW = TEST WELL

## LEGEND

- MONITORING WELL
- PIEZOMETER
- VAULT
- HYDRAULIC CONTROL SYSTEM WELL SCREEN
- WELL BLANK CASING
- PERMEABLE REACTIVE BARRIER
- 7.15 DEPTH TO WATER IN FEET BELOW GROUND SURFACE
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- FORD PROPERTY BOUNDARY
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY
- AREA OF CONCERN

MW-55D 8.22
MW-55 7.85
MW-54 7.25
MW-54S 6.39
MW-122 8.65
MW-214S 7.35
MW-102 1.82
MW-102S 1.98
MW-105S 3.12
MW-132S 5.51
MW-131S 4.52
MW-85 4.92
MW-85SR 5.10
MW-142S 4.07
MW-108S 3.61
MW-57 6.75
MW-53 7.19
PZ-15 6.26
PZ-08 5.85
MW-72 8.74
MW-72S 9.70
PZ-14 6.62
MW-52 7.60
MW-62 8.14
MW-234 7.03
MW-50 6.99
MW-43 7.42
PZ-01 8.45
MW-213S 7.24
MW-73SR 5.80
MW-73D 6.55
MW-63 6.96
MW-64 8.62
MW-235 7.43
MW-212S 7.50
MW-35 8.22
MW-74S 6.60
MW-74 6.50
PZ-06 8.97
PZ-07 8.04
MW-211S 7.92
MW-42 8.22
MW-48R 8.46
PZ-02 8.25
MW-15-61D 24.18
PZ-09 8.50
MW-67 7.82
ATNPC BUILDING
BELDEN CT
MW-99S 6.96
MW-34 8.73
PZ-10 8.04
MW-47 8.12
MW-68 7.82
PZ-03 8.72
MW-210S 9.37
PZ-13 8.00
PZ-11 8.90
MW-41 8.92
MW-75SR 6.67
MW-75D 6.61
MW-46 8.27
MW-69 9.05
MW-209S 9.76
PW-16-01 7.68
MW-70 9.76
MW-30 9.83
MW-208S 10.73
MW-100S 7.20
PZ-12 11.27
TW-16-02 6.47
MW-45 9.96
MW-71 11.48
PZ-04 10.58
MW-31 10.43
TW-16-01 6.83
PZ-05 10.83
MW-40 10.31
HCS Building
MW-33 7.95
MW-101S 9.64
MW-219S 7.15
MW-39 11.22
MW-32 9.83
MW-76 10.60
MW-223S 12.15
MW-38 7.57
EDC Building
MW-218S 10.98
MW-76S 9.50
PLYMOUTH RD
WADSWORTH ST
MW-215S 6.19
MW-86S 7.44
MW-86 7.27
MW-96S 5.70
MW-77S 5.02
MW-77 5.13
MW-97S 4.90
MW-87 10.80
MW-87S 10.60
STANDISH ST
BOSTON POST ST
MW-137S 2.75
MW-136S 3.15
MW-83S 6.76
MW-83 6.92
MW-107S 5.62
MW-82SR 7.20
MW-80SR 2.71
MW-82D 7.28
CAPITOL ST
MW-141S 5.32
MW-79D 5.00
MW-79SR 4.82
MW-134S 6.85
MW-133S 5.92
MW-140S 4.00
MW-98S 2.18
MW-138S 1.16
MW-135S 5.79
MW-81 6.15
MW-81S 6.44
MW-78 2.74
MW-78S 2.98
MW-139S 4.9
MW-84S 4.26
MW-84 4.12
MW-192S 1.97
MW-106S 2.83
BEACON ST
BREWSTER ST
STARK RD
ROSATI AVE

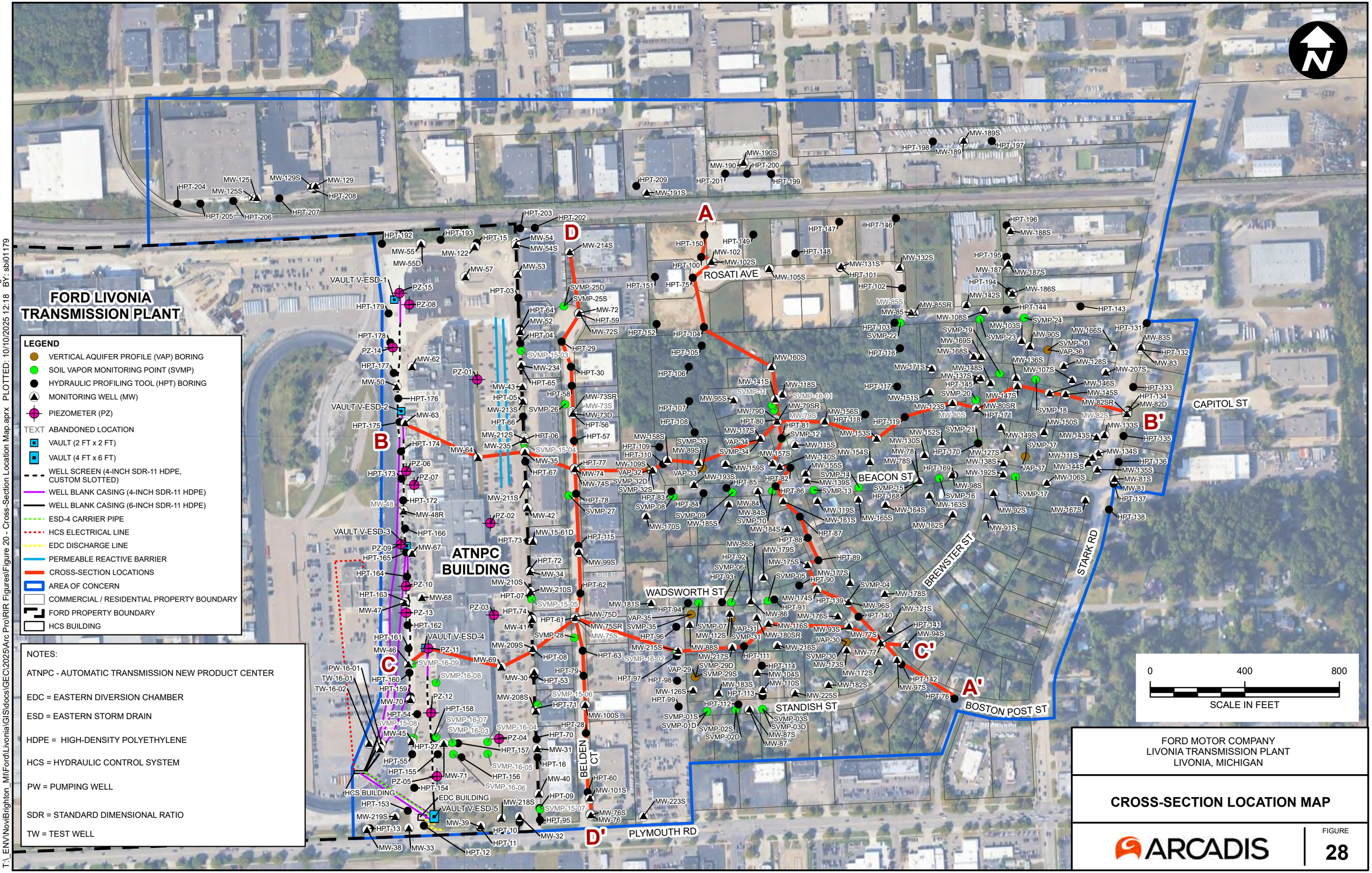
0 360 720
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# DEPTH TO WATER MAP UNDER PUMPING CONDITIONS - APRIL 2025

ARCADIS

FIGURE 27




**LEGEND**

- VERTICAL AQUIFER PROFILE (VAP) BORING
- SOIL VAPOR MONITORING POINT (SVMP)
- HYDRAULIC PROFILING TOOL (HPT) BORING
- MONITORING WELL (MW)
- PIEZOMETER (PZ)
- TEXT ABANDONED LOCATION
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- PERMEABLE REACTIVE BARRIER
- CROSS-SECTION LOCATIONS
- AREA OF CONCERN
- COMMERCIAL / RESIDENTIAL PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- HCS BUILDING

NOTES:

ATNPC - AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EDC = EASTERN DIVERSION CHAMBER

ESD = EASTERN STORM DRAIN

HDPE = HIGH-DENSITY POLYETHYLENE

HCS = HYDRAULIC CONTROL SYSTEM

PW = PUMPING WELL

SDR = STANDARD DIMENSIONAL RATIO

TW = TEST WELL

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

**CROSS-SECTION LOCATION MAP**

ARCADIS

FIGURE
**28**

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2025\Arc Pro\RIR Figures\Figure 20 - Cross-Section Location Map.aprx PLOTTED: 10/10/2025 12:18 BY: sbi01179

CITY: Novi DIV:ENV DB:MG PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
10/20/2025 10:39:51 PM

**A North** — **A' South**

CROSS SECTION B-B'

CROSS SECTION C-C'

COMMERCIAL

ALDEN VILLAGE

HPT-150 | HPT-100 | MW-102/ MW-102S | HPT-75 | HPT-104 | MW-160S | MW-141S | HPT-80 MW-79SR/ MW-79D | HPT-81 | MW-157S MW-140S HPT-82 | HPT-86 | MW-161S | HPT-87 | HPT-88 | HPT-89 MW-175S | MW-174S | HPT-139 MW-96S | HPT-140 | HPT-141 MW-77/ MW-77S | MW-97S HPT-142 | HPT-76

ELEVATION (FEET)

670
660
650
640
630
620

<1.0 | 1.5

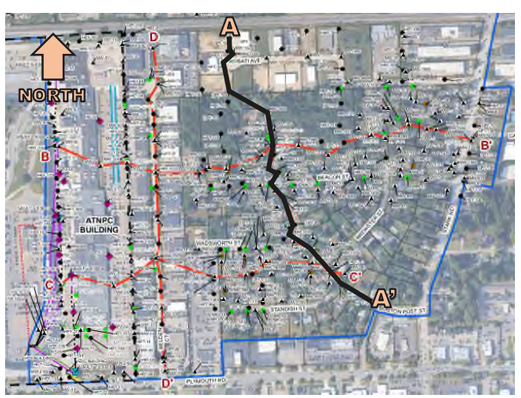
Stormwater Line

Sanitary Sewer Line

0 | 200 | 400 | 600 | 800 | 1,000 | 1,200 | 1,400 | 1,600 | 1,800 | 2,000 | 2,200 | 2,400 | 2,600

Vertical exaggeration: 10X

HORIZONTAL DISTANCE (FEET)




## LEGEND

**3-Dimensional Interpolation of Hydraulic Conductivity (feet/day)**

150
100
30
10
3
1
0.3
0.1

**Boring Log Geology**

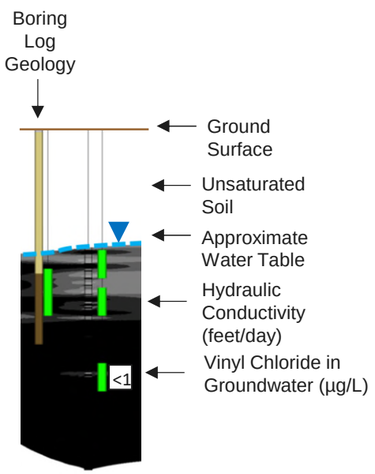
- CONCRETE/TOPSOIL
- FILL/GRAVEL
- SAND
- SILT
- SANDY OR SILTY CLAY
- CLAY
- NO RECOVERY

**Vinyl Chloride Groundwater Concentration (µg/L)**

- Non-Detect – 1.0
- > 1.0

**Vinyl Chloride Groundwater Concentration Isocontours (µg/L)**

- > 1.0 (EGLE ResVIAC GWIC)
- Subsurface Utility




Notes:

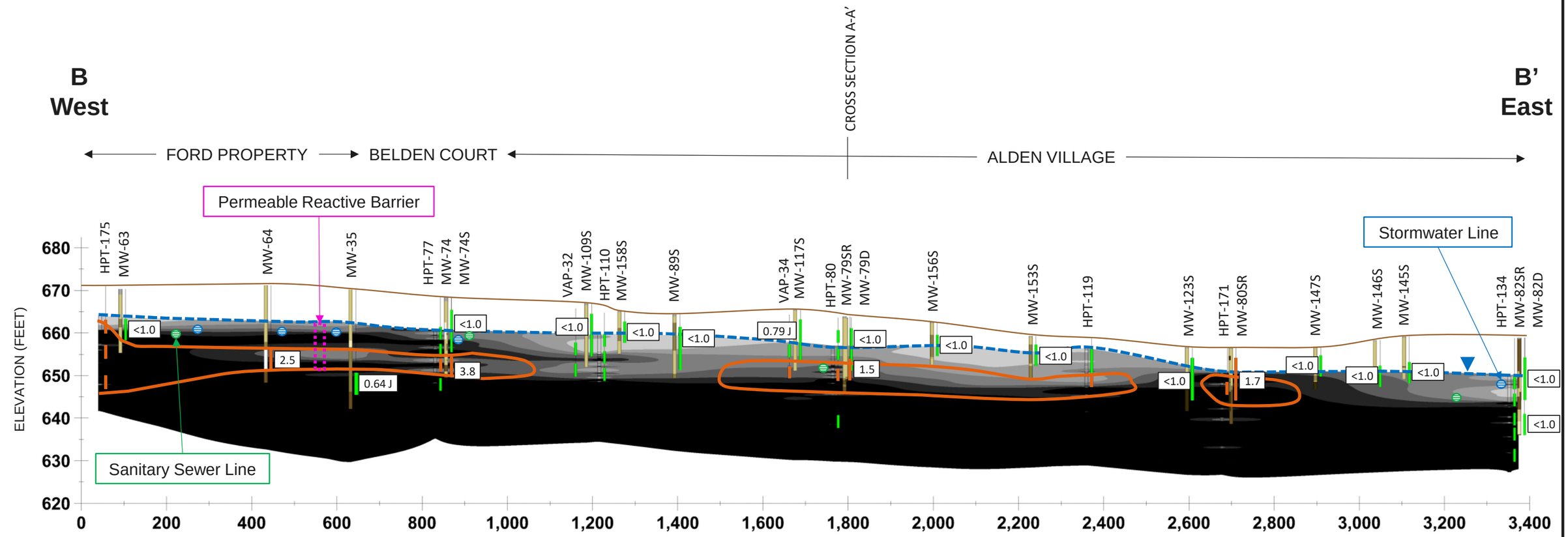
1. The Michigan Department of Environment, Great Lakes, and Energy (EGLE) Residential Volatilization to Indoor Air (ResVIAC) Groundwater in Contact (GWIC) criteria for vinyl chloride is 1.0 µg/L.
2. Most recent result from each monitoring well (MW) location shown is provided as annotation. Vertical aquifer profile (VAP) sample results not annotated. Refer to Tables 1 and 2 for results.
3. Data collected from October 2015 to May 2025.
4. Samples were analyzed under United States Environmental Protection Agency (USEPA) Method 8260C.
5. Stormwater and sanitary sewer line locations are approximate and not drawn to scale.
6. Sewer lines within Alden Village are combined sanitary and stormwater.
7. µg/L = micrograms per liter

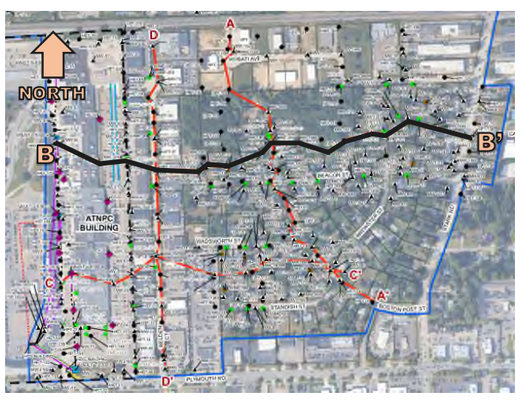
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LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

**CROSS-SECTION A-A' – VINYL CHLORIDE AND ESTIMATED HYDRAULIC CONDUCTIVITY**

ARCADIS

FIGURE
**29A**




## LEGEND

**3-Dimensional Interpolation of Hydraulic Conductivity (feet/day)**

150
100
30
10
3
1
0.3
0.1

**Boring Log Geology**

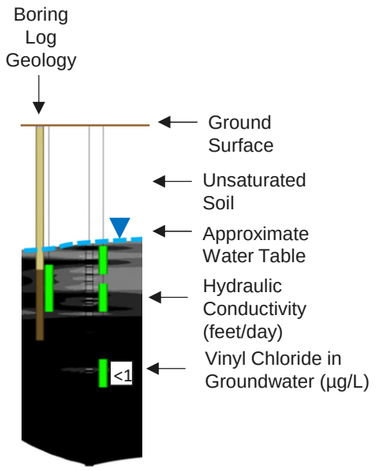
- CONCRETE/TOPSOIL
- FILL/GRAVEL
- SAND
- SILT
- SANDY OR SILTY CLAY
- CLAY
- NO RECOVERY

**Vinyl Chloride Groundwater Concentration (µg/L)**

- Non-Detect – 1.0
- > 1.0

**Vinyl Chloride Groundwater Concentration Isocontours (µg/L)**

- > 1.0 (EGLE ResVIAC GWIC)
- Subsurface Utility




Notes:

1. The Michigan Department of Environment, Great Lakes, and Energy (EGLE) Residential Volatilization to Indoor Air (ResVIAC) Groundwater in Contact (GWIC) criteria for vinyl chloride is 1.0 µg/L.
2. Most recent result from each monitoring well (MW) location shown is provided as annotation. Vertical aquifer profile (VAP) sample results not annotated. Refer to Tables 1 and 2 for results.
3. Data collected from October 2015 to May 2025.
4. Samples were analyzed under United States Environmental Protection Agency (USEPA) Method 8260C.
5. Permeable reactive barrier, stormwater, and sanitary sewer line locations are approximate and not drawn to scale.
6. Sewer lines within Alden Village are combined sanitary and stormwater.
7. µg/L = micrograms per liter
8. J = estimated value

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LIVONIA, MICHIGAN

**CROSS-SECTION B-B' – VINYL CHLORIDE AND ESTIMATED HYDRAULIC CONDUCTIVITY**

ARCADIS

FIGURE
**29B**

CITY: Novi DIV:ENV DB:MG PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
10/20/2025 10:43:48 PM

C
West

C’
East

CROSS SECTION A-A’

FORD PROPERTY

BELDEN COURT

ALDEN VILLAGE

MW-46
PZ-11
MW-69
HPT-08
MW-209S
HPT-61
MW-75D
MW-75SR
HPT-97
MW-215S
MW-217S
HPT-111
MW-116S
MW-93S
HPT-141
MW-77S
MW-77
MW-94S

24
0.50 J
1.1
<1.0
1.6
<1.0
<1.0
<1.0
<1.0
<1.0
<1.0
<1.0
<1.0

Hydraulic Control System

Stormwater Line

Sanitary Sewer Line

ELEVATION (FEET)

680
670
660
650
640
630
620

0
200
400
600
800
1,000
1,200
1,400
1,600
1,800
2,000
2,200

Vertical exaggeration: 10X

HORIZONTAL DISTANCE (FEET)




## LEGEND

**3-Dimensional Interpolation of Hydraulic Conductivity (feet/day)**

150
100
30
10
3
1
0.3
0.1

**Boring Log Geology**

- CONCRETE/TOPSOIL
- FILL/GRAVEL
- SAND
- SILT
- SANDY OR SILTY CLAY
- CLAY
- NO RECOVERY

**Vinyl Chloride Groundwater Concentration (µg/L)**

- Non-Detect – 1.0
- > 1.0

**Vinyl Chloride Groundwater Concentration Isocontours (µg/L)**

- > 1.0 (EGLE ResVIAC GWIC)
- Subsurface Utility

Boring Log Geology

- Ground Surface
- Unsaturated Soil
- Approximate Water Table
- Hydraulic Conductivity (feet/day)
- Vinyl Chloride in Groundwater (µg/L)

<1

Notes:

1. The Michigan Department of Environment, Great Lakes, and Energy (EGLE) Residential Volatilization to Indoor Air (ResVIAC) Groundwater in Contact (GWIC) criteria for vinyl chloride is 1.0 µg/L.
2. Most recent result from each monitoring well (MW) location shown is provided as annotation. Vertical aquifer profile (VAP) sample results not annotated. Refer to Tables 1 and 2 for results.
3. Data collected from October 2015 to May 2025.
4. Samples were analyzed under United States Environmental Protection Agency (USEPA) Method 8260C.
5. Stormwater and sanitary sewer line locations and hydraulic control system locations are approximate and not drawn to scale.
6. Sewer lines within Alden Village are combined sanitary and stormwater.
7. µg/L = micrograms per liter
8. J = estimated value

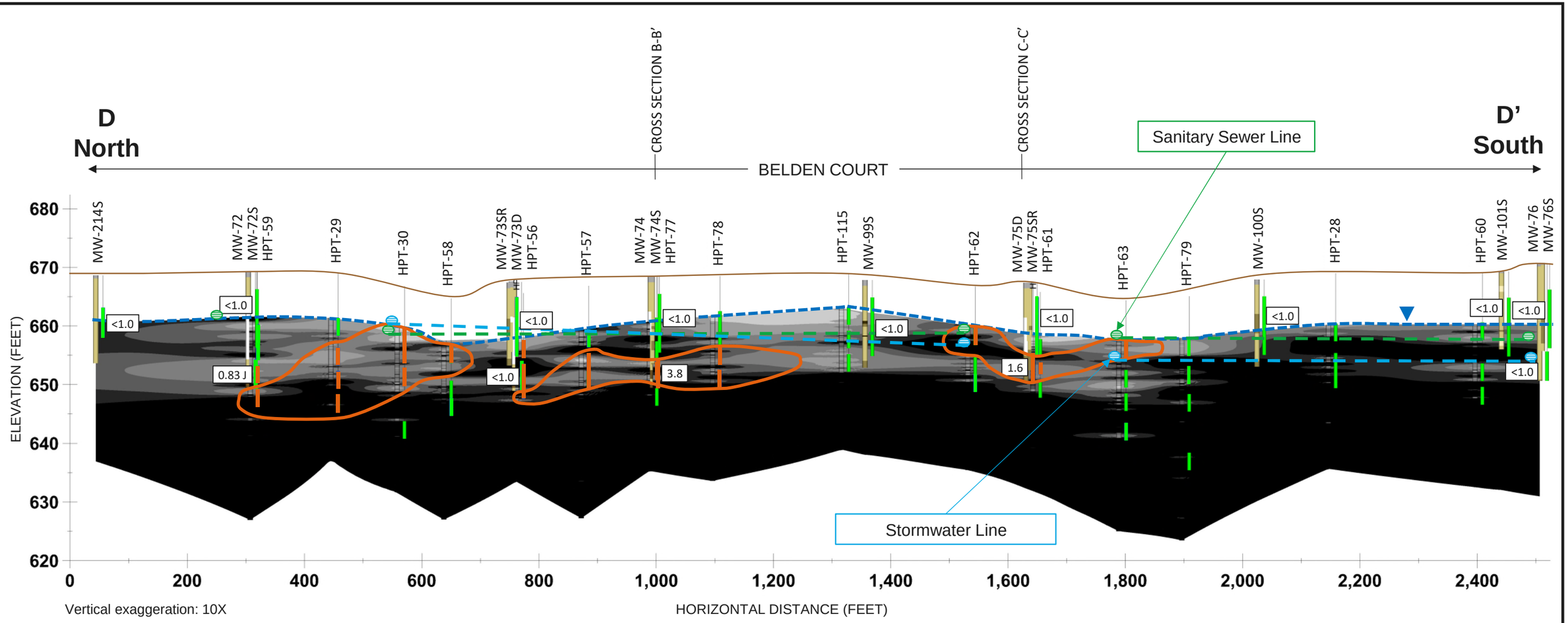
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

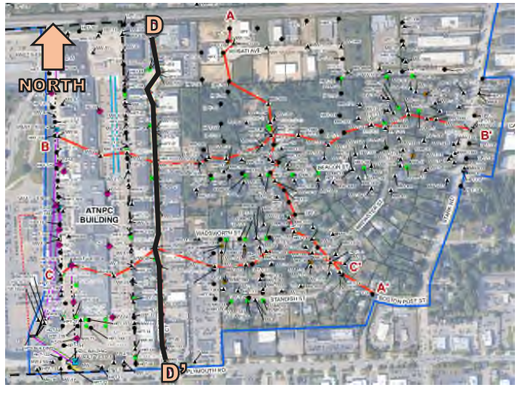
**CROSS-SECTION C-C’ – VINYL CHLORIDE AND ESTIMATED HYDRAULIC CONDUCTIVITY**

ARCADIS

FIGURE
**29C**

CITY: Novi DIV:ENV DB:MG PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
10/20/2025 10:47:42 PM




## LEGEND

**3-Dimensional Interpolation of Hydraulic Conductivity (feet/day)**

150
100
30
10
3
1
0.3
0.1

**Boring Log Geology**

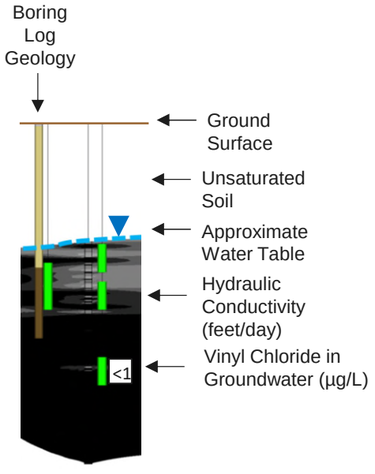
- CONCRETE/TOPSOIL
- FILL/GRAVEL
- SAND
- SILT
- SANDY OR SILTY CLAY
- CLAY
- NO RECOVERY

**Vinyl Chloride Groundwater Concentration (µg/L)**

- Non-Detect – 1.0
- > 1.0

**Vinyl Chloride Groundwater Concentration Isocontours (µg/L)**

- > 1.0 (EGLE ResVIAC GWIC)
- Subsurface Utility




Notes:

1. The Michigan Department of Environment, Great Lakes, and Energy (EGLE) Residential Volatilization to Indoor Air (ResVIAC) Groundwater in Contact (GWIC) criteria for vinyl chloride is 1.0 µg/L.
2. Most recent result from each monitoring well (MW) location shown is provided as annotation. Vertical aquifer profile (VAP) sample results not annotated. Refer to Tables 1 and 2 for results.
3. Data collected from October 2015 to May 2025.
4. Samples were analyzed under United States Environmental Protection Agency (USEPA) Method 8260C.
5. Stormwater and sanitary sewer line locations are approximate and not drawn to scale.
6. µg /L = micrograms per liter
7. J = estimated value

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LIVONIA, MICHIGAN

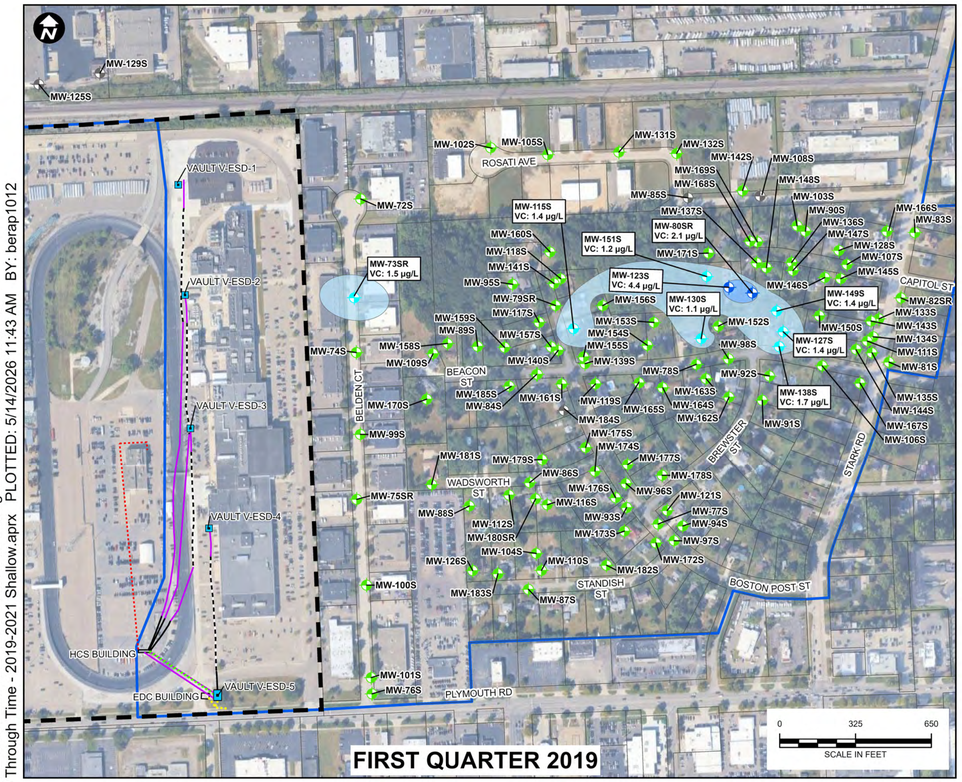
**CROSS-SECTION D-D' – VINYL CHLORIDE AND ESTIMATED HYDRAULIC CONDUCTIVITY**

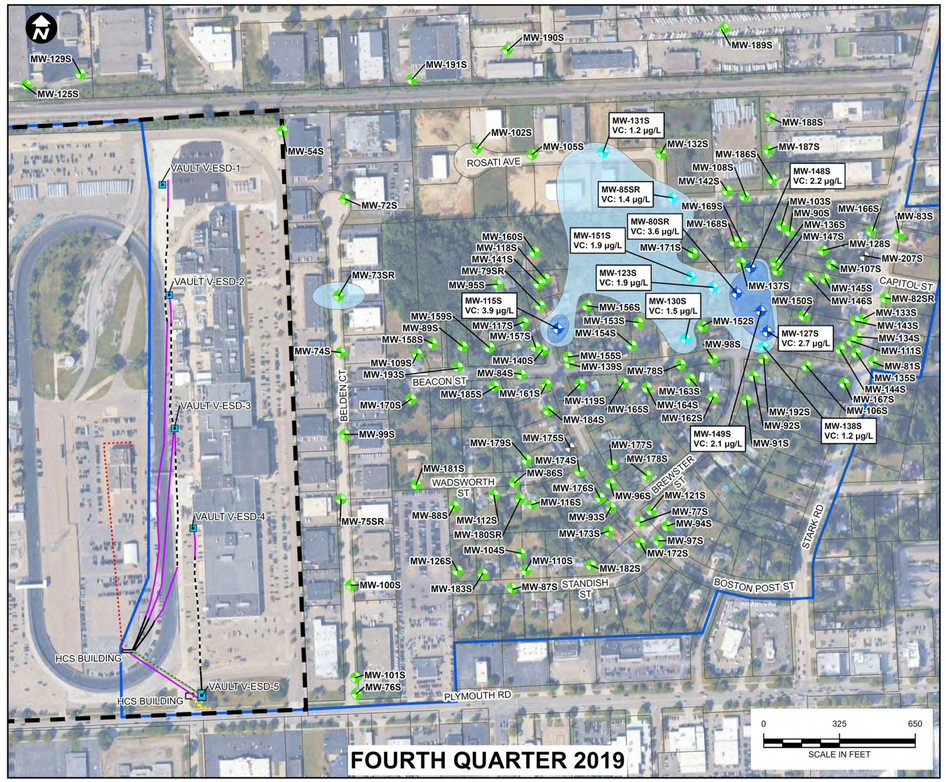
ARCADIS

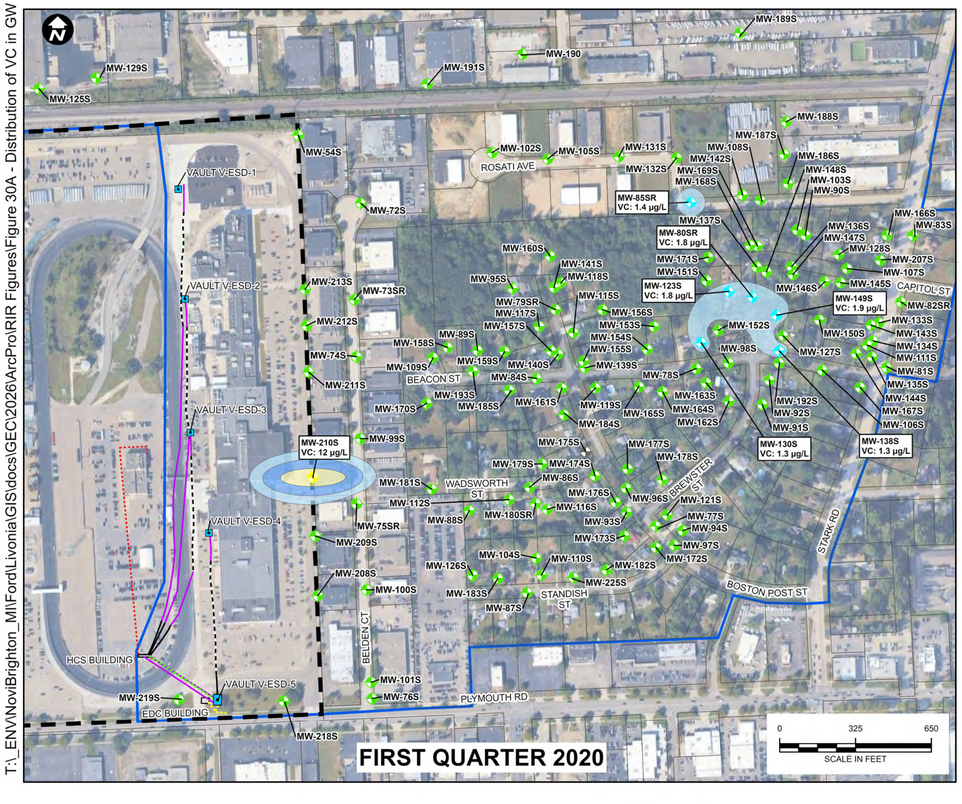
FIGURE
**29D**

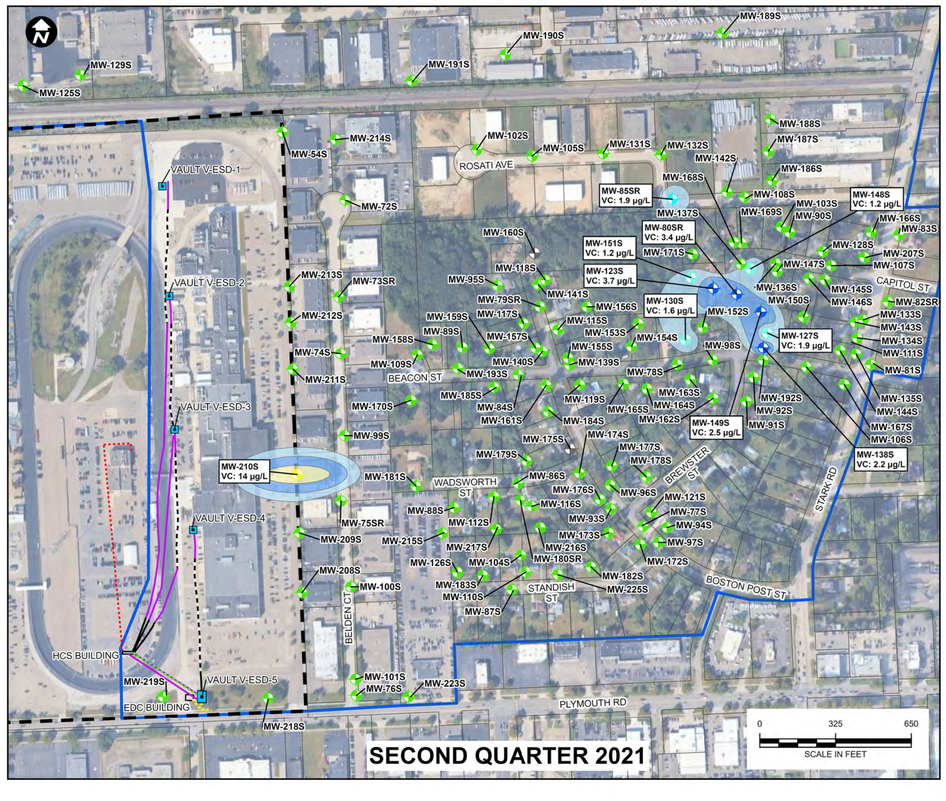
CITY: Novi DIV:ENV DB:MG PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
10/20/2025 10:47:46 PM

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2026\ArcPro\RIR Figures\Figure 30A - Distribution of VC in GW Through Time - 2019-2021 Shallow.aprx PLOTTED: 5/14/2026 11:43 AM BY: berap1012




# LEGEND

## MONITORING WELL LOCATION

- ND - 1.0 µg/L
- 1.1 - 2.0 µg/L
- 2.1 - 10 µg/L
- 10 - 100 µg/L
- >100 µg/L
- MONITORING WELL NOT SAMPLED
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE

## VC - GROUNDWATER

- 1 - 2 µg/L
- 10 - 100 µg/L
- 2 - 10 µg/L
- >100 µg/L

## BOUNDARIES

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN

NOTES:

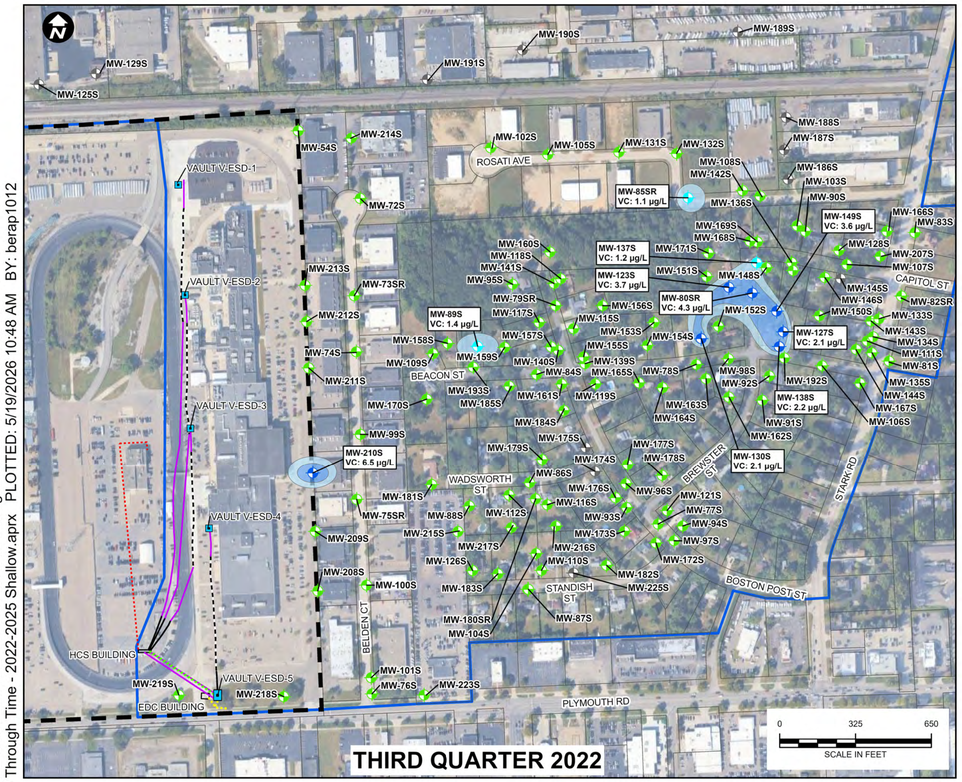
1. ANALYTICAL DATA THROUGH A TIME SEQUENCE FROM THE FIRST QUARTER 2019, FOURTH QUARTER 2019, FIRST QUARTER 2020, AND SECOND QUARTER 2021 SAMPLING EVENTS ARE SHOWN IN THE FIGURE.
2. ONLY ANALYTICAL DATA FOR SHALLOW INTERVAL MONITORING WELLS SHOWN ON THE FIGURE.
3. DATA BOXES CONTAIN EXCEEDANCES OF THE MOST RESTRICTIVE CRITERIA (RESIDENTIAL TDL OF 1.0 µg/L) FOR VC FROM SHALLOW MONITORING WELLS ONLY. SEE ASSOCIATED TABLE FOR A FULL LIST OF ANALYTICAL RESULTS.
4. NON-DETECT RESULTS ARE COLOR CODED BASED ON THE MAGNITUDE OF THE REPORTING LIMIT.
5. RESULTS WERE COMPARED TO THE OCTOBER 2023 UPDATED EGLE PART 201 GENERIC CLEAN UP CRITERIA ALONG WITH THE OCTOBER 2018 EGLE PROVIDED UNRESTRICTED RESIDENTIAL SITE-SPECIFIC VOLATILIZATION TO INDOOR AIR CRITERIA FOR GROUNDWATER IN CONTACT WITH A RESIDENTIAL STRUCTURE WITH A BASEMENT.
6. ANALYTICAL METHOD: 8260B FOR VOLATILE ORGANIC COMPOUNDS
7. EDC = EASTERN DIVERSION CHAMBER
8. EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
9. ESD = EASTERN STORM DRAIN
10 . HCS = HYDRAULIC CONTROL SYSTEM
11. HDPE = HIGH-DENSITY POLYETHYLENE
12. MW = MONITORING WELL
13. SDR = STANDARD DIMENSIONAL RATIO
14. TDL = TARGET DETECTION LIMIT
15. VC= VINYL CHLORIDE
16. µg/L= MICROGRAMS PER LITER
17. < = LESS THAN

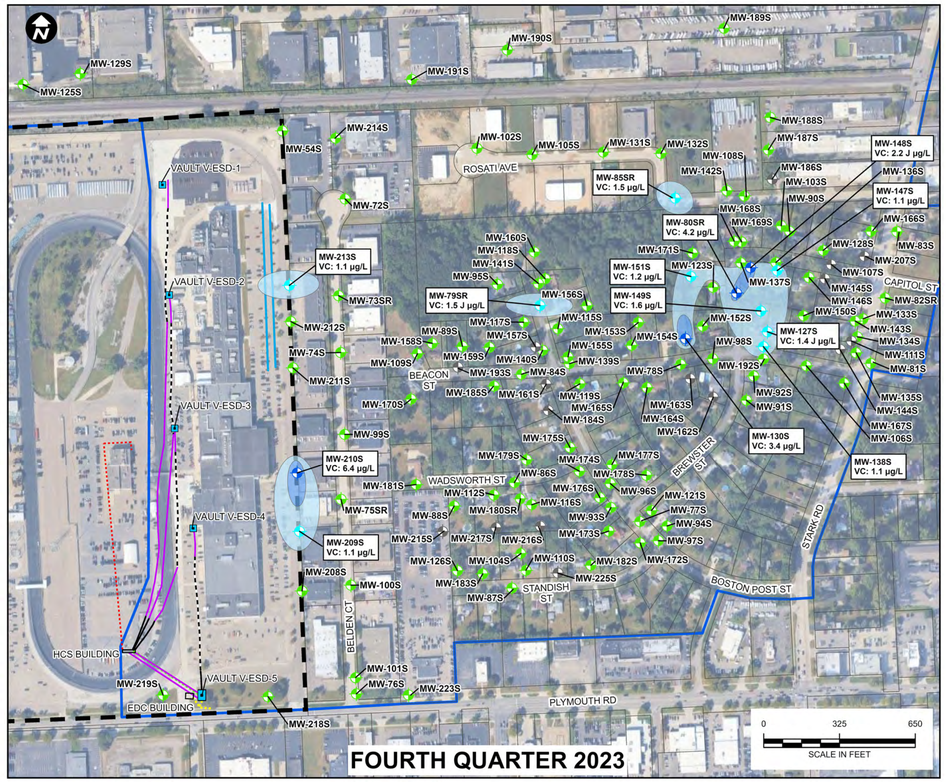
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

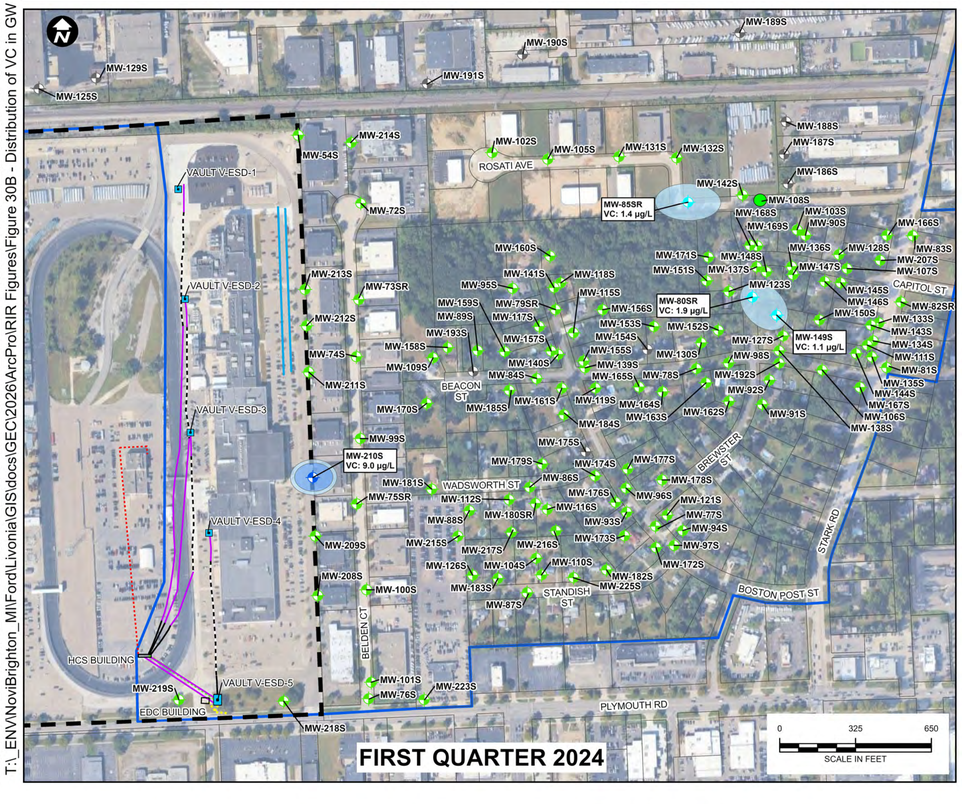
# OFF-SITE DISTRIBUTION OF VINYL CHLORIDE IN GROUNDWATER THROUGH TIME - 2019 - 2021

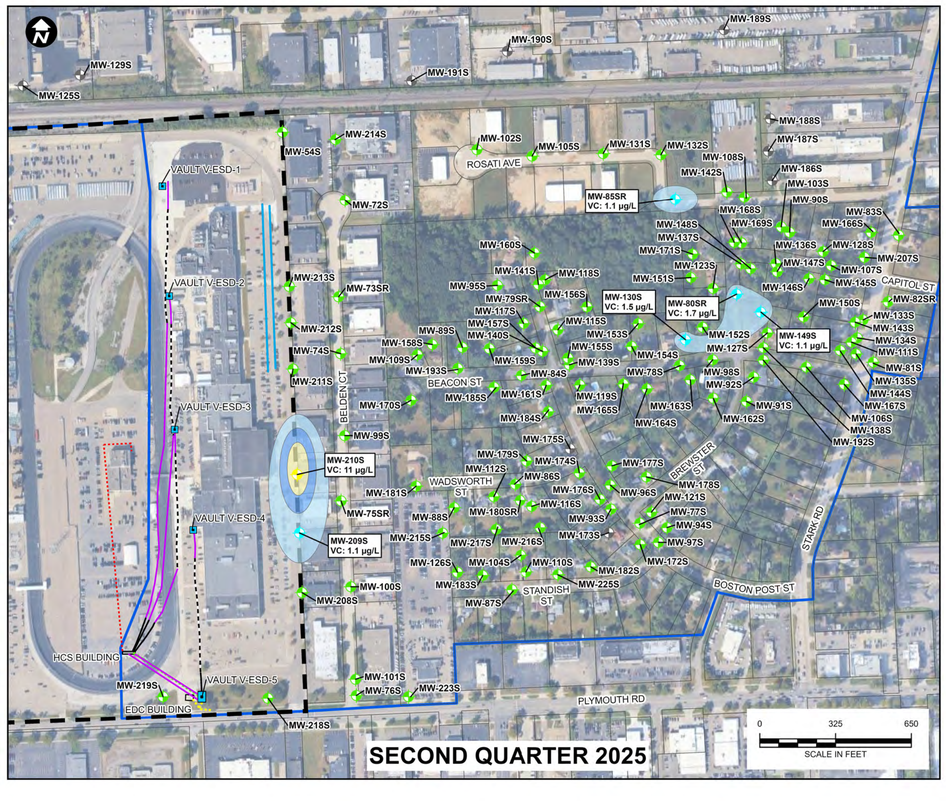
ARCADIS

FIGURE
30A




## LEGEND

### MONITORING WELL LOCATION

- ND - 1.0 µg/L
- 1.1 - 2.0 µg/L
- 2.1 - 10 µg/L
- 10 - 100 µg/L
- >100 µg/L
- MONITORING WELL NOT SAMPLED
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE

### VC - GROUNDWATER

- 1 - 2 µg/L
- 10 - 100 µg/L
- 2 - 10 µg/L
- >100 µg/L

### BOUNDARIES

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN

NOTES:

1. ANALYTICAL DATA THROUGH A TIME SEQUENCE FROM THE THIRD QUARTER 2022, FOURTH QUARTER 2023, FIRST QUARTER 2024, AND SECOND QUARTER 2025 SAMPLING EVENTS ARE SHOWN IN THE FIGURE.
2. ONLY ANALYTICAL DATA FOR SHALLOW INTERVAL MONITORING WELLS SHOWN ON THE FIGURE.
3. DATA BOXES CONTAIN EXCEEDANCES OF THE MOST RESTRICTIVE CRITERIA (RESIDENTIAL TDL OF 1.0 µg/L) FOR VC FROM SHALLOW MONITORING WELLS ONLY. SEE ASSOCIATED TABLE FOR A FULL LIST OF ANALYTICAL RESULTS.
4. RESULTS WERE COMPARED TO THE OCTOBER 2023 UPDATED EGLE PART 201 GENERIC CLEAN UP CRITERIA ALONG WITH THE OCTOBER 2018 EGLE PROVIDED UNRESTRICTED RESIDENTIAL SITE-SPECIFIC VOLATILIZATION TO INDOOR AIR CRITERIA FOR GROUNDWATER IN CONTACT WITH A RESIDENTIAL STRUCTURE WITH A BASEMENT.
5. ANALYTICAL METHOD: 8260B FOR VOLATILE ORGANIC COMPOUNDS
6. EDC = EASTERN DIVERSION CHAMBER
7. EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
8. ESD = EASTERN STORM DRAIN
9. HCS = HYDRAULIC CONTROL SYSTEM
10. HDPE = HIGH-DENSITY POLYETHYLENE
11. J = ESTIMATED RESULT
12. MW = MONITORING WELL
13. SDR = STANDARD DIMENSIONAL RATIO
14. TDL = TARGET DETECTION LIMIT
15. VC = VINYL CHLORIDE
16. µg/L = MICROGRAMS PER LITER

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

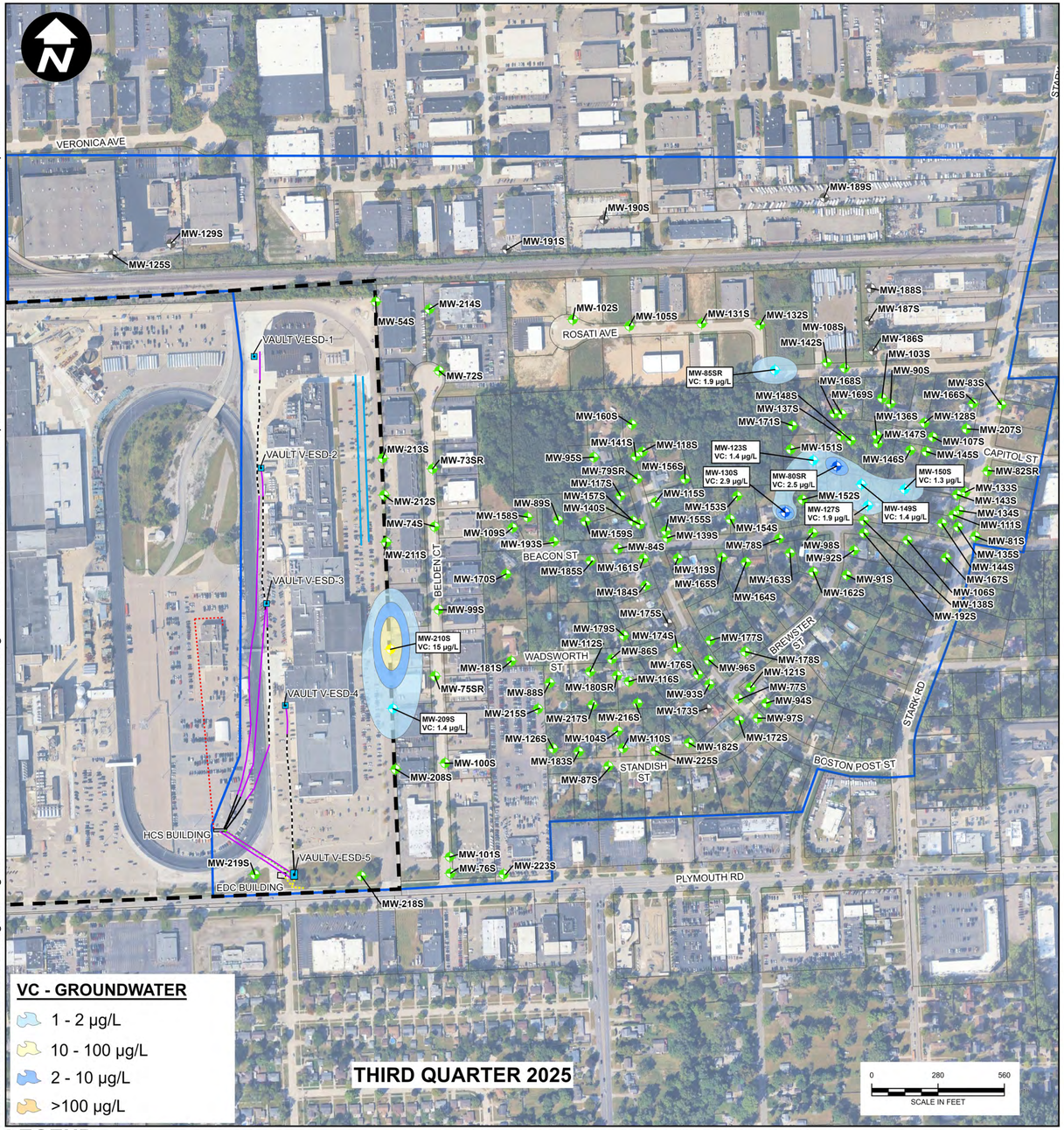
# OFF-SITE DISTRIBUTION OF VINYL CHLORIDE IN SHALLOW GROUNDWATER THROUGH TIME - 2022-2025

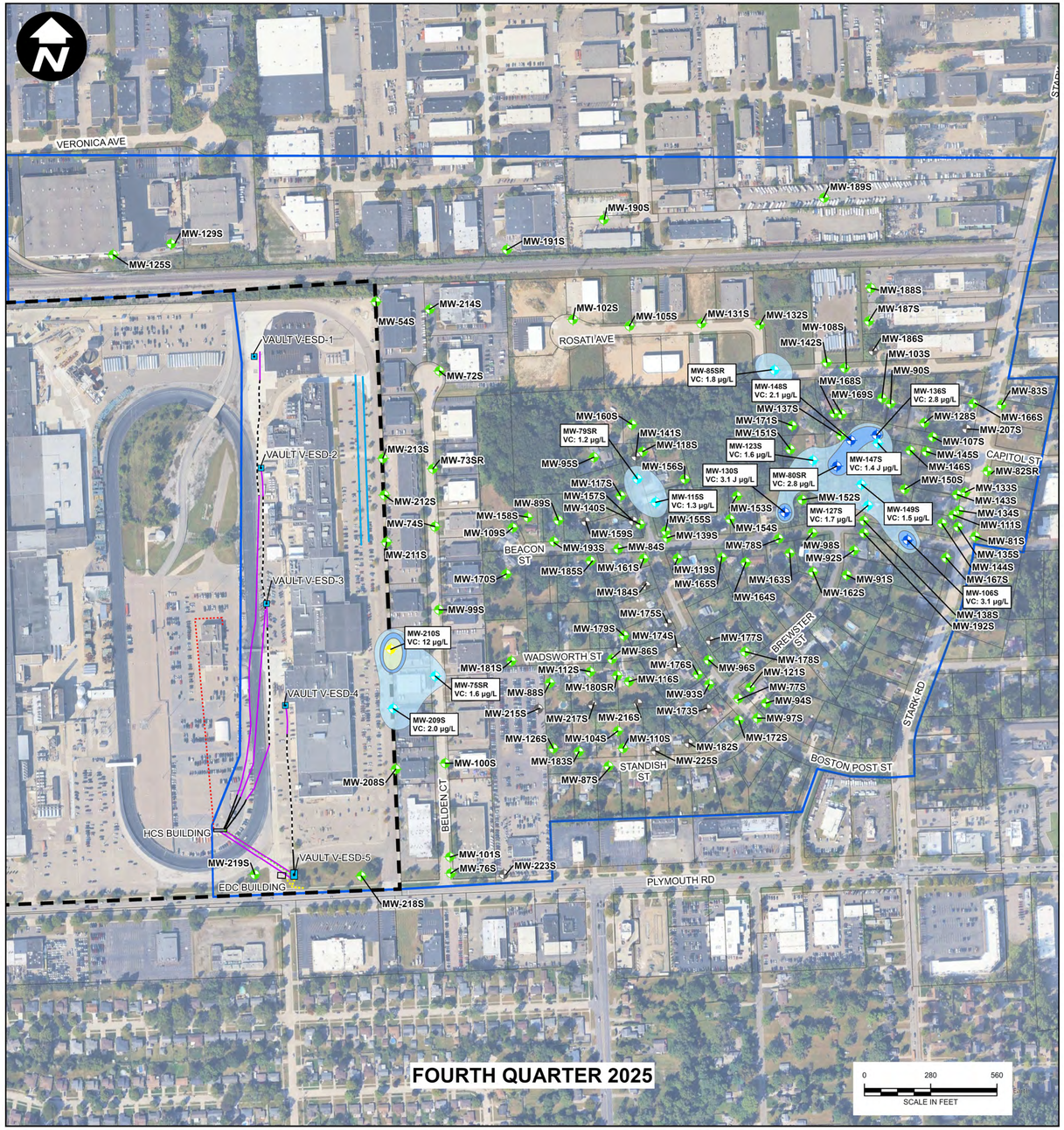
ARCADIS

FIGURE
30B

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2026\ArcPro\RIR Figures\Figure 30B - Distribution of VC in GW Through Time - 2022-2025 Shallow.aprx PLOTTED: 5/19/2026 10:48 AM BY: berap1012

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEC\2026\ArcPro\RIR Figures\Figure 30C - Distribution of VC in GW Through Time - 3Q and 4Q 2025 Shallow.aprx PLOTTED: 5/15/2026 11:37 AM BY: berap1012




**VC - GROUNDWATER**

- 1 - 2 µg/L
- 10 - 100 µg/L
- 2 - 10 µg/L
- >100 µg/L

## LEGEND

**MONITORING WELL LOCATION**

- ND - 1.0 µg/L
- 1.1 - 2.0 µg/L
- 2.1 - 10 µg/L
- 10 - 100 µg/L
- >100 µg/L
- MONITORING WELL NOT SAMPLED
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE

**BOUNDARIES**

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN

NOTES:

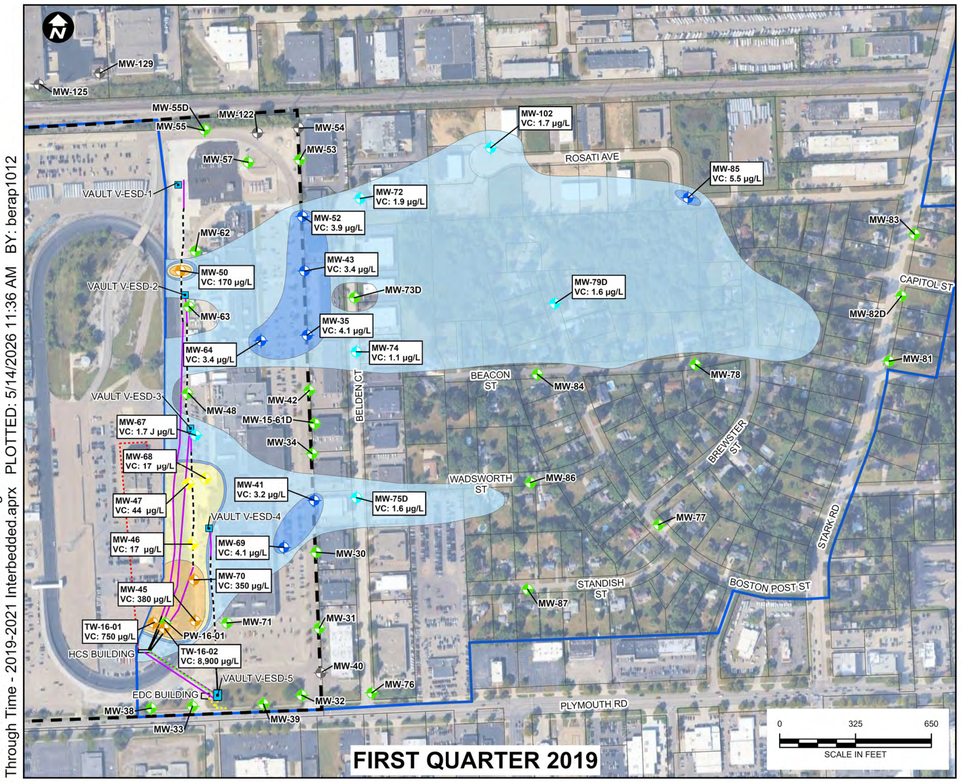
1. ANALYTICAL DATA THROUGH A TIME SEQUENCE FROM THE THIRD QUARTER (3Q) 2025 AND FOURTH QUARTER (4Q) 2025 SAMPLING EVENTS ARE SHOWN IN THE FIGURE.
2. ONLY ANALYTICAL DATA FOR SHALLOW INTERVAL MONITORING WELLS SHOWN ON THE FIGURE.
3. DATA BOXES CONTAIN EXCEEDANCES OF THE MOST RESTRICTIVE CRITERIA (RESIDENTIAL TDL OF 1.0 µg/L) FOR VC FROM SHALLOW MONITORING WELLS ONLY. SEE ASSOCIATED TABLES WITHIN THE SEMIANNUAL PROGRESS REPORT FOR 3Q AND 4Q FOR A FULL LIST OF ANALYTICAL RESULTS.
4. NON-DETECT RESULTS ARE COLOR CODED BASED ON THE MAGNITUDE OF THE REPORTING LIMIT.
5. RESULTS WERE COMPARED TO THE OCTOBER 2023 UPDATED EGLE PART 201 GENERIC CLEAN UP CRITERIA ALONG WITH THE OCTOBER 2018 EGLE PROVIDED UNRESTRICTED RESIDENTIAL SITE-SPECIFIC VOLATILIZATION TO INDOOR AIR CRITERIA FOR GROUNDWATER IN CONTACT WITH A RESIDENTIAL STRUCTURE WITH A BASEMENT.
6. ANALYTICAL METHOD: 8260B FOR VOLATILE ORGANIC COMPOUNDS
7. EDC = EASTERN DIVERSION CHAMBER
8. EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
9. ESD = EASTERN STORM DRAIN
10 . HCS = HYDRAULIC CONTROL SYSTEM
11. HDPE = HIGH-DENSITY POLYETHYLENE
12. MW = MONITORING WELL
13. SDR = STANDARD DIMENSIONAL RATIO
14. TDL = TARGET DETECTION LIMIT
15. VC= VINYL CHLORIDE
16. µg/L= MICROGRAMS PER LITER
17. < = LESS THAN
18. J = ESTIMATED RESULT

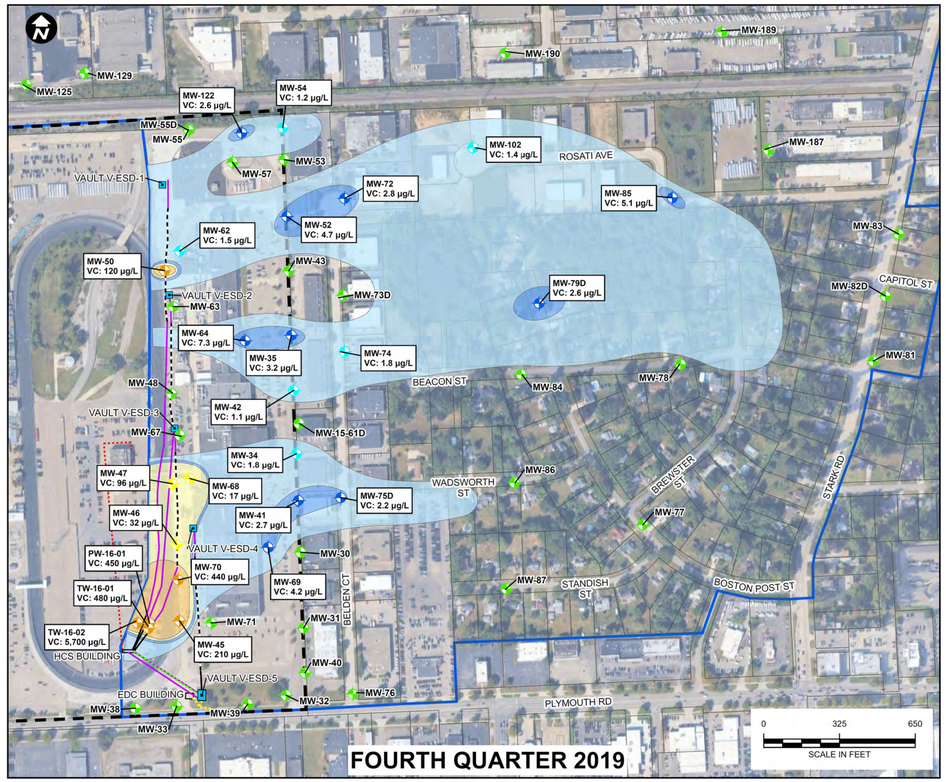
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

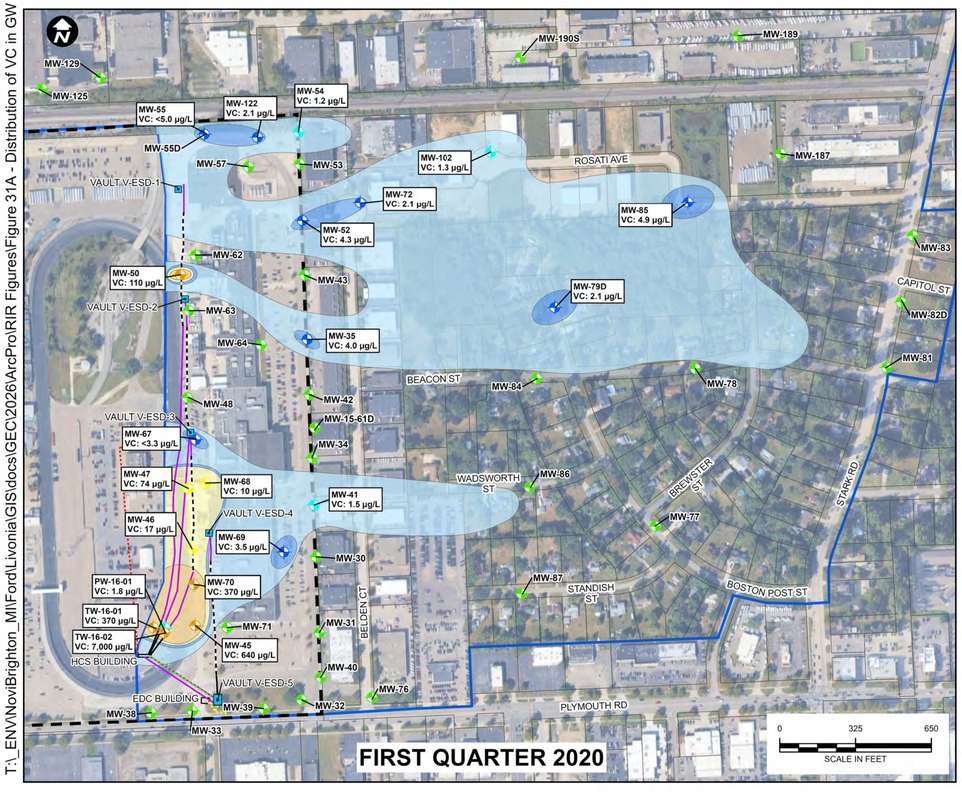
# OFF-SITE DISTRIBUTION OF VINYL CHLORIDE IN SHALLOW GROUNDWATER THROUGH TIME - 3Q AND 4Q -2025

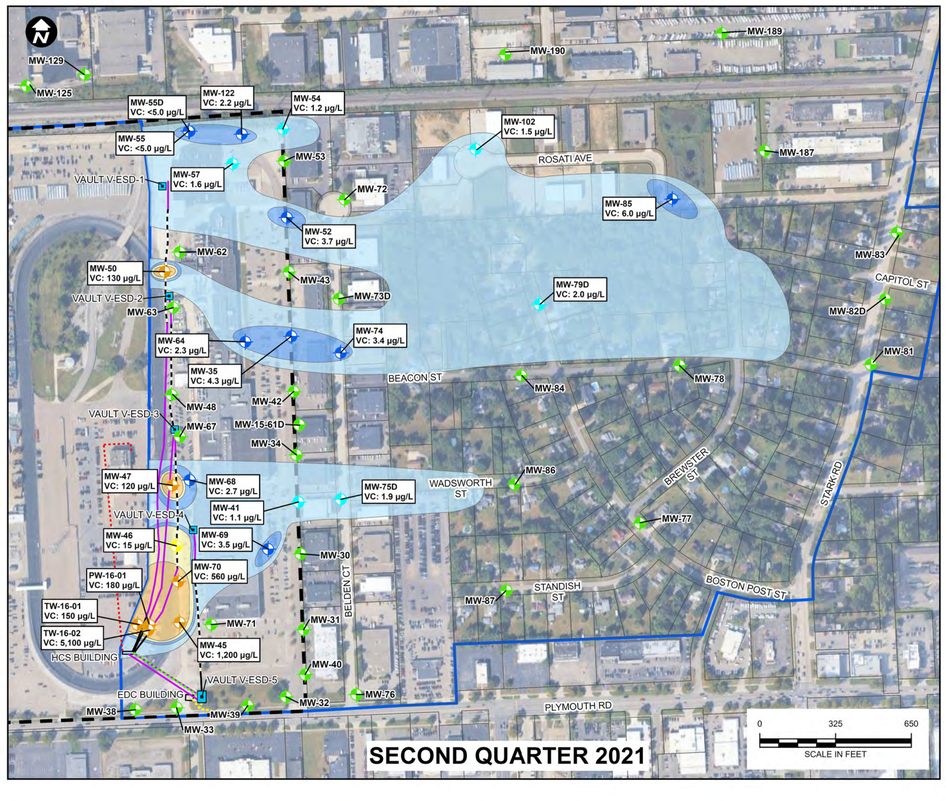
ARCADIS

FIGURE
**30C**




## LEGEND

### MONITORING WELL LOCATION

- ND - 1.0 µg/L
- 1.1 - 2.0 µg/L
- 2.1 - 10 µg/L
- 10 - 100 µg/L
- >100 µg/L
- MONITORING WELL NOT SAMPLED
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE

### VC - GROUNDWATER

- 1 - 2 µg/L
- 10 - 100 µg/L
- 2 - 10 µg/L
- >100 µg/L

### BOUNDARIES

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN

NOTES:

1. ANALYTICAL DATA THROUGH A TIME SEQUENCE FROM THE FIRST QUARTER 2019, FOURTH QUARTER 2019, FIRST QUARTER 2020, AND SECOND QUARTER 2021 SAMPLING EVENTS ARE SHOWN IN THE FIGURE.
2. ONLY ANALYTICAL DATA FOR INTERBEDDED ZONE MONITORING WELLS SHOWN ON THE FIGURE.
3. DATA BOXES CONTAIN EXCEEDANCES OF THE MOST RESTRICTIVE CRITERIA (RESIDENTIAL TDL OF 1.0 µg/L) FOR VC FROM INTERBEDDED ZONE MONITORING WELLS ONLY. SEE ASSOCIATED TABLE FOR A FULL LIST OF ANALYTICAL RESULTS.
4. NON-DETECT RESULTS ARE COLOR CODED BASED ON THE MAGNITUDE OF THE REPORTING LIMIT.
5. RESULTS WERE COMPARED TO THE OCTOBER 2023 UPDATED EGLE PART 201 GENERIC CLEAN UP CRITERIA ALONG WITH THE OCTOBER 2018 EGLE PROVIDED UNRESTRICTED RESIDENTIAL SITE-SPECIFIC VOLATILIZATION TO INDOOR AIR CRITERIA FOR GROUNDWATER IN CONTACT WITH A RESIDENTIAL STRUCTURE WITH A BASEMENT.
6. ANALYTICAL METHOD: 8260B FOR VOLATILE ORGANIC COMPOUNDS
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8. ESD = EASTERN STORM DRAIN
9. EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
10. HCS = HYDRAULIC CONTROL SYSTEM
11. HDPE = HIGH-DENSITY POLYETHYLENE
12. MW = MONITORING WELL
13. PW = PUMPING WELL
14. SDR = STANDARD DIMENSIONAL RATIO
15. TDL = TARGET DETECTION LIMIT
16. TW = TEST WELL
17. VC= VINYL CHLORIDE
18. µg/L= MICROGRAMS PER LITER
19. < = LESS THAN

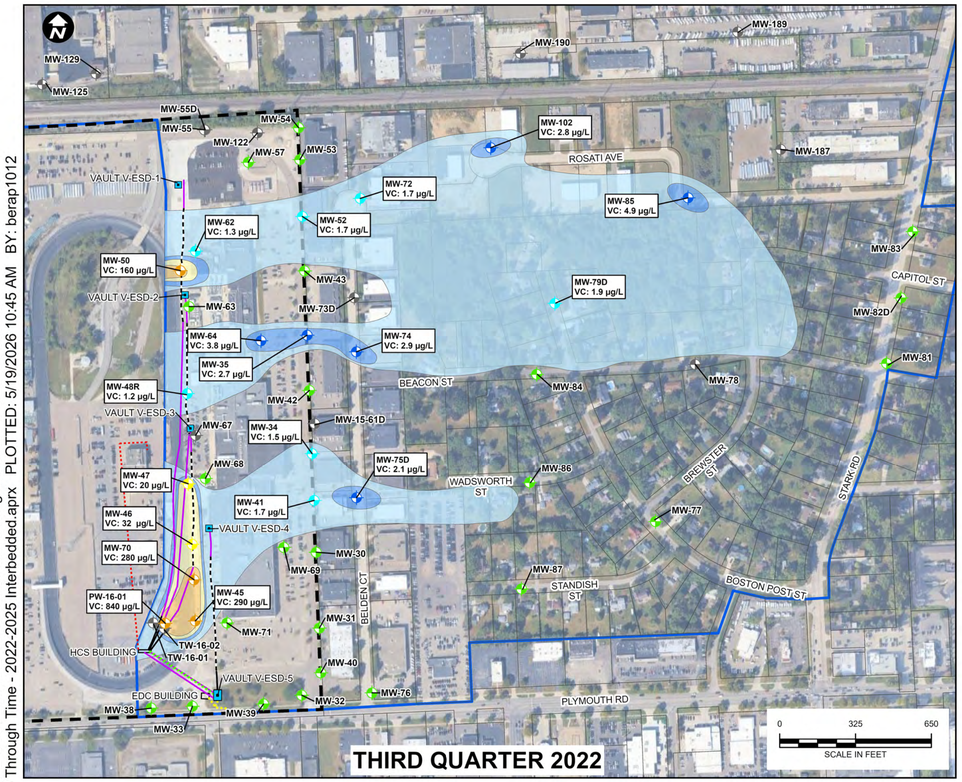
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

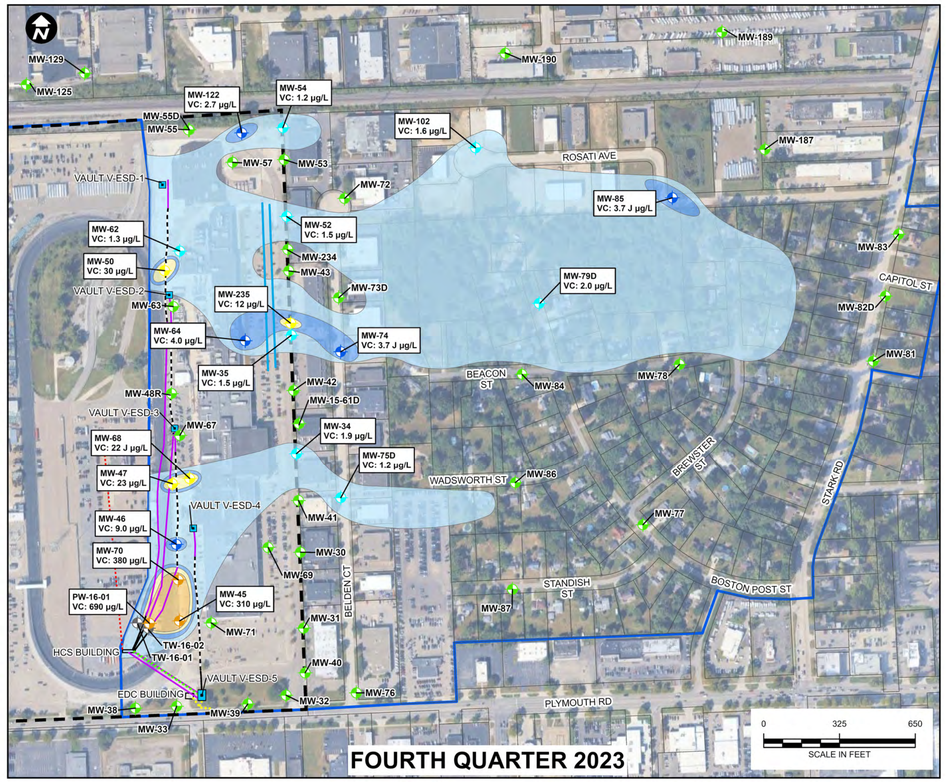
# OFF-SITE DISTRIBUTION OF VINYL CHLORIDE IN INTERBEDDED ZONE GROUNDWATER THROUGH TIME - 2019-2021

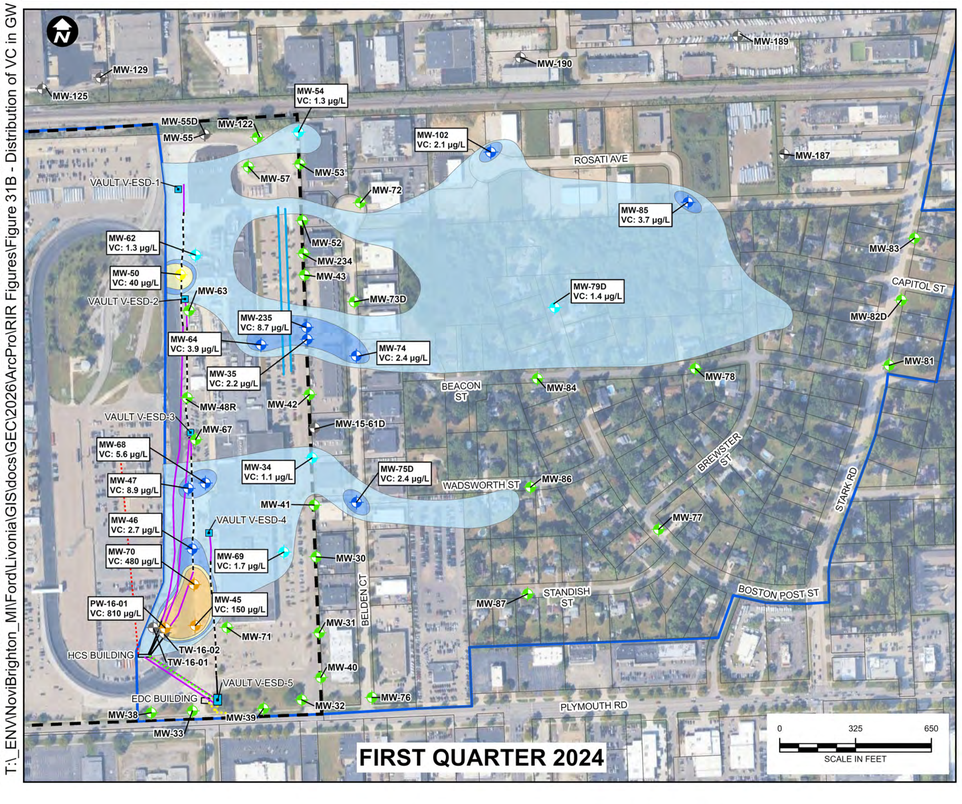
ARCADIS

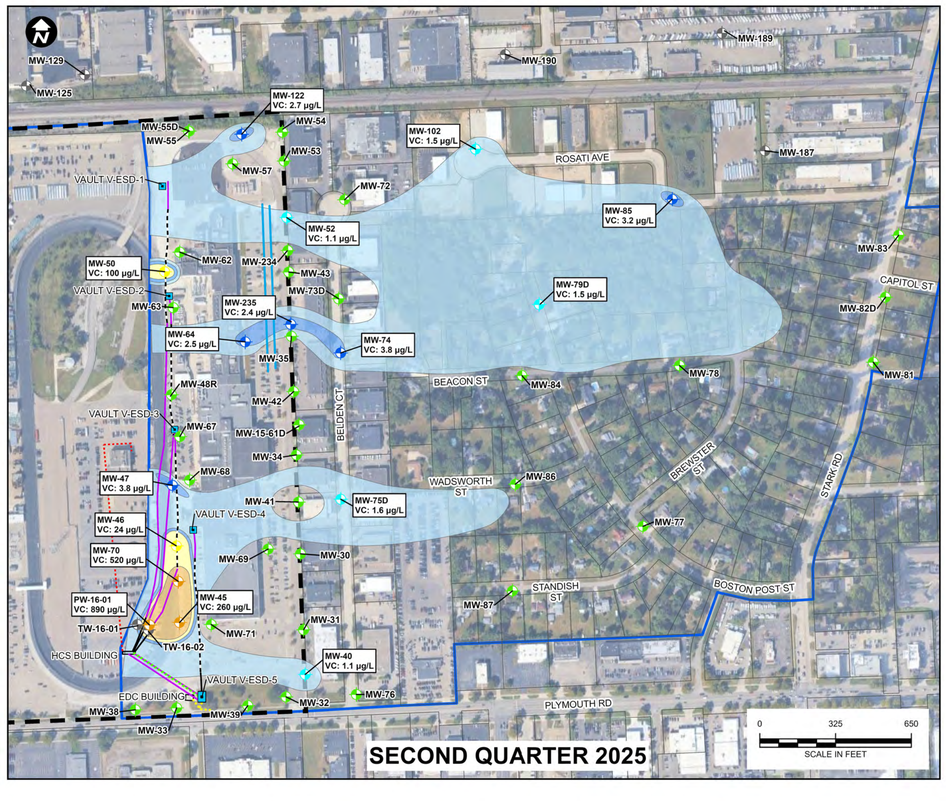
FIGURE
31A

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2026\ArcPro\RIR Figures\Figure 31A - Distribution of VC in GW Through Time - 2019-2021 Interbedded.aprx PLOTTED: 5/14/2026 11:36 AM BY: berap1012




# LEGEND

## MONITORING WELL LOCATION

- ND - 1.0 µg/L
- 1.1 - 2.0 µg/L
- 2.1 - 10 µg/L
- 10 - 100 µg/L
- >100 µg/L
- MONITORING WELL NOT SAMPLED
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE

## VC - GROUNDWATER

- 1 - 2 µg/L
- 10 - 100 µg/L
- 2 - 10 µg/L
- >100 µg/L

## BOUNDARIES

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN

NOTES:

1. ANALYTICAL DATA THROUGH A TIME SEQUENCE FROM THE THIRD QUARTER 2022, FOURTH QUARTER 2023, FIRST QUARTER 2024, AND SECOND QUARTER 2025 SAMPLING EVENTS ARE SHOWN IN THE FIGURE.
2. ONLY ANALYTICAL DATA FOR INTERBEDDED ZONE INTERVAL MONITORING WELLS SHOWN ON THE FIGURE.
3. DATA BOXES CONTAIN EXCEEDANCES OF THE MOST RESTRICTIVE CRITERIA (RESIDENTIAL TDL OF 1.0 µg/L) FOR VC FROM INTERBEDDED ZONE MONITORING WELLS ONLY.SEE ASSOCIATED TABLE FOR A FULL LIST OF ANALYTICAL RESULTS.
4. RESULTS WERE COMPARED TO THE OCTOBER 2023 UPDATED EGLE PART 201 GENERIC CLEAN UP CRITERIA ALONG WITH THE OCTOBER 2018 EGLE PROVIDED UNRESTRICTED RESIDENTIAL SITE-SPECIFIC VOLATILIZATION TO INDOOR AIR CRITERIA FOR GROUNDWATER IN CONTACT WITH A RESIDENTIAL STRUCTURE WITH A BASEMENT.
5. ANALYTICAL METHOD: 8260B FOR VOLATILE ORGANIC COMPOUNDS
6. EDC = EASTERN DIVERSION CHAMBER
7. EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
8. ESD = EASTERN STORM DRAIN
9. HCS = HYDRAULIC CONTROL SYSTEM
10. HDPE = HIGH-DENSITY POLYETHYLENE
11. MW = MONITORING WELL
12. PW = PUMPING WELL
13. SDR = STANDARD DIMENSIONAL RATIO
14. TDL = TARGET DETECTION LIMIT
15. TW = TEST WELL
16. VC= VINYL CHLORIDE
17. µg/L= MICROGRAMS PER LITER

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

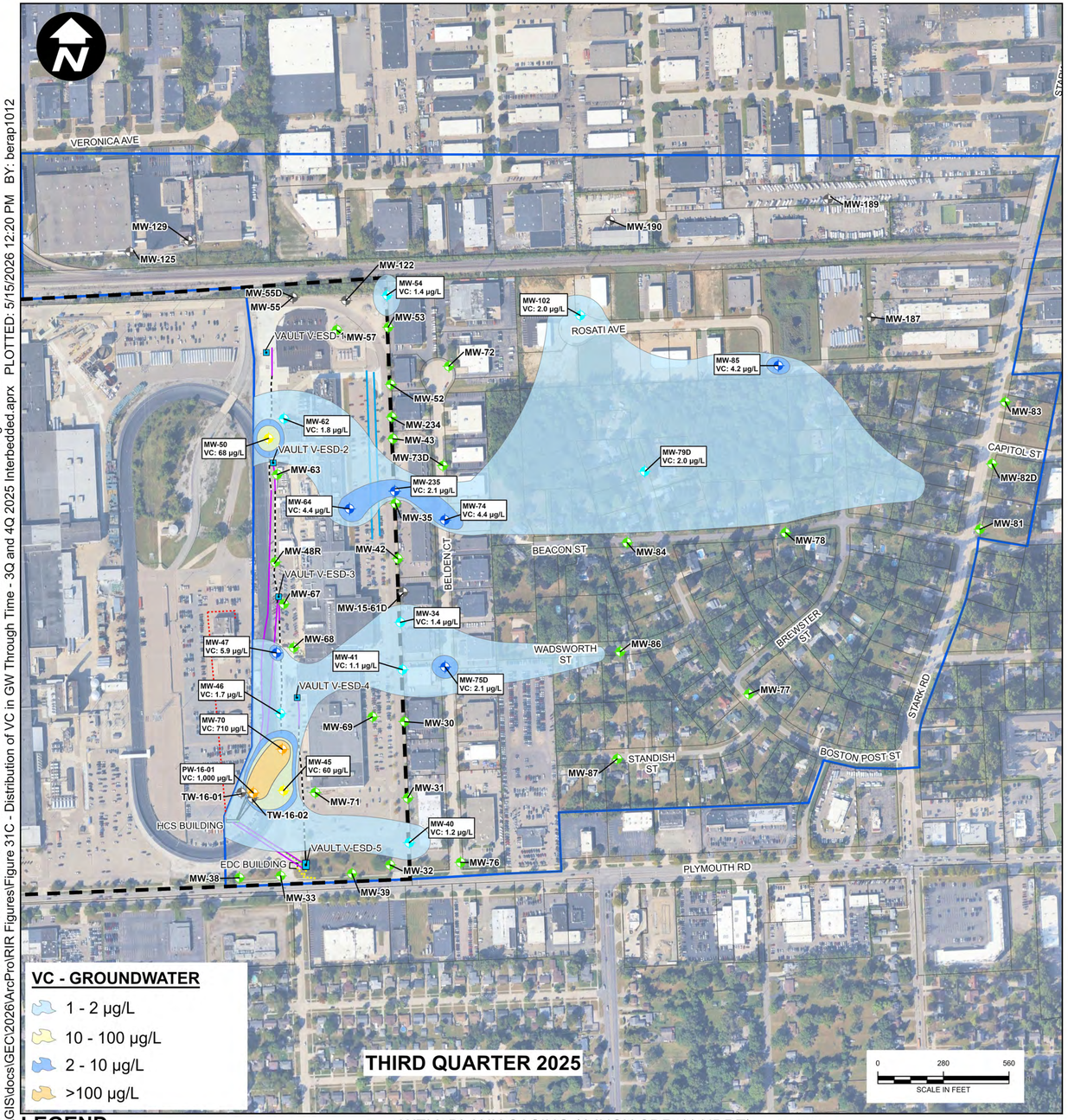
# OFF-SITE DISTRIBUTION OF VINYL CHLORIDE IN INTERBEDDED ZONE GROUNDWATER THROUGH TIME - 2022-2025

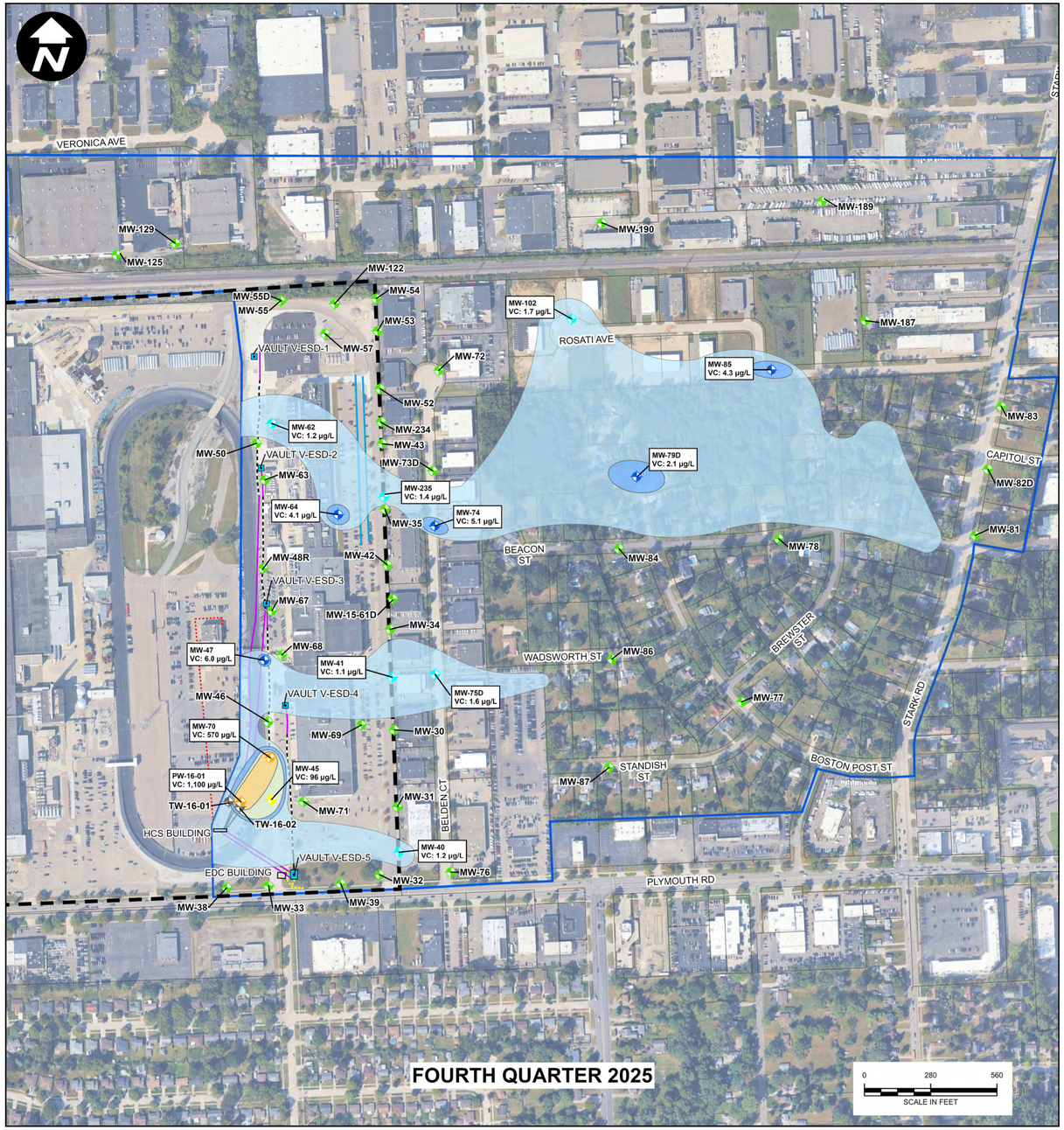
ARCADIS

FIGURE
31B

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2026\ArcPro\RIR Figures\Figure 31B - Distribution of VC in GW Through Time - 2022-2025 Interbedded.aprx PLOTTED: 5/19/2026 10:45 AM BY: berap1012

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: MEGAN MECKLEY PROJECT NUMBER: 30251157 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\2026\ArcPro\RIR Figures\Figure 31C - Distribution of VC in GW Through Time - 3Q and 4Q 2025 Interbedded.aprx PLOTTED: 5/15/2026 12:20 PM BY: berap1012




**VC - GROUNDWATER**

- 1 - 2 µg/L
- 10 - 100 µg/L
- 2 - 10 µg/L
- >100 µg/L

## LEGEND

**MONITORING WELL LOCATION**

- ND - 1.0 µg/L
- 1.1 - 2.0 µg/L
- 2.1 - 10 µg/L
- 10 - 100 µg/L
- >100 µg/L
- MONITORING WELL NOT SAMPLED
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE

**BOUNDARIES**

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- AREA OF CONCERN

NOTES:

1. ANALYTICAL DATA THROUGH A TIME SEQUENCE FROM THE THIRD QUARTER (3Q) 2025 AND FOURTH QUARTER (4Q)2025 SAMPLING EVENTS ARE SHOWN IN THE FIGURE.
2. ONLY ANALYTICAL DATA FOR INTERBEDDED ZONE INTERVAL MONITORING WELLS SHOWN ON THE FIGURE.
3. DATA BOXES CONTAIN EXCEEDANCES OF THE MOST RESTRICTIVE CRITERIA (RESIDENTIAL TDL OF 1.0 µg/L) FOR VC FROM INTERBEDDED ZONE MONITORING WELLS ONLY. SEE ASSOCIATED TABLES WITHIN THE SEMIANNUAL PROGRESS REPORT FOR 3Q AND 4Q FOR A FULL LIST OF ANALYTICAL RESULTS.
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9. ESD = EASTERN STORM DRAIN
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12. MW = MONITORING WELL
13. SDR = STANDARD DIMENSIONAL RATIO
14. TDL = TARGET DETECTION LIMIT
15. VC= VINYL CHLORIDE
16. µg/L= MICROGRAMS PER LITER
17. < = LESS THAN

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

# OFF-SITE DISTRIBUTION OF VINYL CHLORIDE IN INTERBEDDED ZONE GROUNDWATER THROUGH TIME - 3Q AND 4Q -2025

ARCADIS

FIGURE
31C

# Appendix A

## EGLE Communication

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| August 14, 2015 | Ford | Property Owners | Hardcopy | Statutory Notice of Migration submitted to adjacent property owners at 11871 Belden, 12333 Belden, 12499 Belden | Submittal |
| December 18, 2015 | Ford | Property Owners | Hardcopy | Statutory Notice of Migration submitted to City of Livonia for Belden Ct and 10 adjacent property owners (11770 Belden, 11700 Belden, 35000 Plymouth, 12250 Belden, 12224 Belden, 12350-12300 Belden, 12270 Belden, 11771 Belden, 11801 Belden, 35400 Plymouth) | Submittal |
| February 3, 2016 | Ford | Property Owners | Hardcopy | Notification of Groundwater Testing Project to off-site property owners | Submittal |
| March 14, 2016 | Ford | Property Owners | Hardcopy | Update on Ford Livonia Transmission Plant Groundwater Testing Project | General Correspondence |
| March 15, 2016 | Ford | EGLE | Hardcopy | Notice of Migration of Contamination submitted to EGLE | Submittal |
| March 24, 2016 | Ford | Property Owners | Hardcopy | Notice of Migration of Contamination submitted to the City of Livonia for Boston Post St N and 10 adjacent property owners (34403 Rosati, 34990 Beacon, 12100 Boston Post, 12124 Boston Post, 12131 Boston Post, 12141 Boston Post, 34965 Wadsworth, 34966 Standish, 12121 Boston Post, 12182 Belden | Submittal |
| March 21, 2016 | Ford | EGLE | Meeting | Meeting to discuss investigation status update and conceptual site model review at Ford LTP including slide deck | Meeting |
| April 6, 2016 | Ford | EGLE | Email | Provided off-site soil vapor sampling results for 12121 Boston Post | General Correspondence |
| April 22, 2016 | Arcadis | EGLE | Hardcopy | Response to EGLE Request for Site Information after March 21, 2016 informational meeting | Response to comments |
| June 24, 2016 | Ford | EGLE | Hardcopy | Notice of Migration of Contamination submitted to EGLE and 11 additional property owners | Submittal |
| June 27, 2016 | Ford | Property Owners | Hardcopy | Update on Ford Livonia Transmission Plant Groundwater Testing Project | General Correspondence |
| September 7, 2016 | Ford | EGLE | Meeting | Meeting to discuss off-site groundwater impact strategy | Meeting |
| September 9, 2016 | Ford | EGLE | Hardcopy | Notice of Migration of Contamination submitted to EGLE, The City of Livonia for Brewster Street and 21 additional property owners (34480 Capitol, 34450 Capitol, 34424 Capitol, 34380 Capitol, 34360 Capitol, 12189 Stark, 12125 Stark, 12087 Stark, 12069 Stark, 12051 Stark, 12033 Stark, 34380 Beacon, 34424 Beacon, 34450 Beacon, 12088 Brewster, 34401 Capitol, 34387 Capitol, 34851 Capitol, 11865 Wadsworth, 11865 Boston Post) | Submittal |
| November 17, 2016 | Ford | Property Owners | Hardcopy | Notice of Migration of Contamination submitted to EGLE and 3 additional property owners (11853 Belden, 11801 Belden, 11771 Belden) | Submittal |
| April 20, 2017 | Arcadis | EGLE | Hardcopy | Soil Vapor Evaluation Work Plan for Commercial Area and Residential Neighborhood East of Ford Motor Company Livonia Transmission Plant | Submittal |
| April 21, 2017 | Arcadis | EGLE | Hardcopy | Workplan for the Off-Site Groundwater Monitoring and Plume Stability Evaluation in the Residential Neighborhood East of the Ford Motor Company Livonia Transmission Plant | Submittal |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| April 25, 2017 | Ford | Property Owners | Hardcopy | Notification to property owners of groundwater testing project | Submittal |
| May 26, 2017 | EGLE | Ford | Email | Response to Soil Vapor Evaluation Work Plan for Commercial Area and Residential Neighborhood East of Ford Motor Company Livonia Transmission Plant | Response to comments |
| June 26, 2017 | Ford | EGLE | Hardcopy | Notice of Migration of Contamination to EGLE and property 11701 Belden | Meeting |
| July 7, 2017 | Ford | Property Owners | Hardcopy | Notification to property owner at 12089 Boston Post of GW exceedance | Meeting |
| July 7, 2017 | Ford | Property Owners | Hardcopy | Notice of Migration of Contamination submitted to EGLE and adjacent property owners at 12089 Boston Post, 34400 Rosati, and City of Livonia for Rosati Avenue | Meeting |
| July 14, 2017 | Ford | Property Owners | Hardcopy | Notification to property owners of groundwater testing project | Meeting |
| July 20, 2017 | Arcadis | EGLE | Hardcopy | Response to EGLE Email regarding offsite Groundwater Work Plan including additional information regarding plume stability analysis and specific monitoring well locations and sampling. Included in report is slide deck from March 21, 2016 meeting and September 7, 2016 meeting. | Response to comments |
| August 3, 2017 | Ford | EGLE | Meeting | Ford LTP Technical Project Update Meeting for EGLE and City of Livonia | Meeting |
| August 30, 2017 | Ford | EGLE | Hardcopy | Conceptual Site Model | Request for approval |
| August 30, 2017 | Arcadis | EGLE | Hardcopy | Quality Assurance Project Plan – On-Site | Submittal |
| August 30, 2017 | Arcadis | EGLE | Hardcopy | Quality Assurance Project Plan – Off-Site | Submittal |
| August 30, 2017 | Arcadis | EGLE | Hardcopy | Health and Safety Plan | Submittal |
| November 13, 2017 | EGLE | Ford | Hardcopy | CSM Approval and comments | Submittal |
| November 17, 2017 | Arcadis | EGLE | Hardcopy | LTP Target Detection Limit Request Response Activity Plan | Request for approval |
| November 21, 2017 | Arcadis | EGLE | Hardcopy | 3Q 2017 Quarterly Progress Report | Submittal |
| December 12, 2017 | Arcadis | EGLE | Hardcopy | Response to MDEQ Comments for the Conceptual Site Model | Response to comments |
| December 13, 2017 | Arcadis | EGLE | Hardcopy | Remedial Investigation Response Activity Plan | Request for approval |
| December 20, 2017 | EGLE | Ford | Hardcopy | Confirmation of target detection limit request | Approval |
| January 22, 2018 | Ford | EGLE | In Person | Meeting to provide overview of the proposed Remedial Investigation | Meeting |
| January 30, 2018 | Arcadis | EGLE | Hardcopy | 4Q 2017 Quarterly Progress Report | Submittal |
| February 7, 2018 | Ford | EGLE | In Person | Meeting to provide overview of the proposed Remedial Investigation | Meeting |
| March 9, 2018 | EGLE | Ford | Hardcopy | Disapproval of Response Activity Plan for Ford LTP | Disapproval |
| April 5, 2018 | Ford | EGLE | Meeting | Discussions regarding Ford's Response Activity Plan and investigation activities that preceded the report and next steps | Meeting |
| April 13, 2018 | Ford | EGLE | Hardcopy | RespAP Disapproval Response to Comments Letter | Response to comments |
| April 13, 2018 | Arcadis | EGLE | Hardcopy | Technical memorandum and response to March 16, 2018 letter regarding Response Activity Plan for Ford LTP and April 8, 2018 meeting. | Response to comments |
| April 13, 2018 | Arcadis | EGLE | Hardcopy | Response Activity Plan - Remedial Investigation | Request for approval |
| April 13, 2018 | Arcadis | EGLE | Hardcopy | Response Activity Plan - Vapor Intrusion Evaluation | Request for approval |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| April 30, 2018 | Arcadis | EGLE | Hardcopy | 1Q 2018 Progress Report | Submittal |
| July 2, 2018 | EGLE | Ford | Hardcopy | Request for CSM Update and request for public outreach plan | Request for Information |
| July 20, 2018 | Ford | EGLE | Hardcopy | Response to MDEQ Request for CSM | Response to comments |
| July 31, 2018 | Arcadis | EGLE | Hardcopy | 2Q 2018 Progress Report | Submittal |
| August 7, 2018 | Ford | EGLE | Hardcopy | Public Outreach Plan | Submittal |
| August 7, 2018 | Arcadis | EGLE | Hardcopy | Livonia Transmission Plant Public Outreach Plan | Submittal |
| August 30, 2018 | EGLE | Ford | Hardcopy | Response Activity Plan 6.7 - Vapor Intrusion Evaluation approval with modifications | Approval |
| August 30, 2018 | EGLE | Ford | Hardcopy | Response Activity Plan 6.6 -Remedial Investigation approval with modifications | Approval |
| September 1, 2018 | EGLE | Arcadis | Email | EGLE waives 10-day notice period of VI sampling and requests sampling begin immediately | General Correspondence |
| September 17, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of September 17, 2018 | General Correspondence |
| September 24, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of September 24, 2018 | General Correspondence |
| September 30, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of September 30, 2018 | General Correspondence |
| October 8, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of October 8, 2018 | General Correspondence |
| October 13, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of October 14, 2018 | General Correspondence |
| October 23, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of October 23, 2018 | General Correspondence |
| October 23, 2018 | EGLE | Ford | Hardcopy | Letter from MDHHS regarding citizen concerns | General Correspondence |
| October 29, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of October 29, 2018 | General Correspondence |
| October 30, 2018 | Arcadis | EGLE | In Person Meeting | EGLE Site Visit to observe indoor air/SSMP sampling process | Meeting |
| October 31, 2018 | Arcadis | EGLE | Hardcopy | 3Q 2018 Progress Report | Submittal |
| November 7, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of November 7, 2018 | General Correspondence |
| November 9, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment and groundwater sampling for week of November 12, 2018 | General Correspondence |
| November 16, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of November 18, 2018 | General Correspondence |
| November 21, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of November 26, 2018 | General Correspondence |
| November 8, 2018 | EGLE | Arcadis | Email | Ford LTP ReSub 12-hr Site specific criteria Evaluation | Request for approval |
| November 19, 2018 | Arcadis | EGLE | In Person Meeting | In person meeting in Lansing, MI | Meeting |
| November 27, 2018 | EGLE | Ford | Hardcopy | Follow up documentation after 11/19/2018 meeting outlining field work to be completed at off-Site properties | General Correspondence |
| November 30, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment and monitoring well installation for week of December 3, 2018 | General Correspondence |
| December 3, 2018 | Arcadis | EGLE | In Person Meeting | In person meeting in Warren, MI. Discuss off-site residential field work and data packages | Meeting |
| December 7, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of December 10, 2018 | General Correspondence |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| December 15, 2018 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of December 17, 2018 | General Correspondence |
| December 17, 2018 | Arcadis | EGLE | In Person Meeting | EGLE Site Visit | Meeting |
| December 20, 2018 | Arcadis | EGLE | In Person Meeting | EGLE Site Visit | Meeting |
| December 28, 2018 | EGLE | Ford | Hardcopy | Request for additional evaluation of mitigation data at off-site properties | Request for Information |
| January 7, 2019 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of January 8, 2019 | General Correspondence |
| January 14, 2019 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of January 14, 2019 | General Correspondence |
| January 23, 2019 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of January 23, 2019 | General Correspondence |
| February 23, 2019 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of February 25, 2019 | General Correspondence |
| January 16, 2019 | Arcadis | EGLE | In Person Meeting | Air Quality Meeting | Meeting |
| January 17, 2019 | Ford | EGLE | Email | Response to EGLE request to identify properties that Ford has had difficulty receiving access | Response to comments |
| January 24, 2019 | Arcadis | EGLE | In Person Meeting | In person meeting at SE MI District Office | Meeting |
| January 26, 2019 | Arcadis | EGLE | Hardcopy | Response to EGLE comments regarding vapor intrusion data collection and December 3, 2018 Meeting | Response to comments |
| March 3, 2019 | Arcadis | EGLE | Email | Notification of off-site field vapor intrusion assessment for week of March 4, 2019 | General Correspondence |
| February 1, 2019 | EGLE | Ford | Hardcopy | Response to VC detections in off-site monitoring wells and request for plume delineation | Request for Information |
| February 1, 2019 | Arcadis | EGLE | Hardcopy | 4Q 2018 Progress Report | Submittal |
| February 15, 2019 | Arcadis | EGLE | Meeting | Meeting between EGLE, Ford and Arcadis | Meeting |
| February 19, 2019 | EGLE | Ford | Hardcopy | Response to 1/26/2019 Ford correspondence providing additional information regarding data issues in vapor intrusion evaluation data set | Response to comments |
| February 20, 2019 | Arcadis | EGLE | Meeting | Meeting between EGLE, Ford and Arcadis | Meeting |
| February 21, 2019 | Arcadis | EGLE and City of Livonia | Meeting with City of Livonia | Meeting between EGLE, Ford, Arcadis, and the City of Livonia | Meeting |
| February 21, 2019 | Arcadis | EGLE | On-site Visit | EGLE On-site to collect GW Split samples | Site Visit and Sampling |
| February 22, 2019 | Arcadis | EGLE | Hardcopy | Pre-Mitigation Indoor Air Sampling and Mitigation of Detached Garages and Sheds | Submittal |
| February 25, 2019 | Arcadis | EGLE | On-site Visit | EGLE On-site to collect GW Split samples | Site Visit and Sampling |
| March 3, 2019 | Arcadis | EGLE | Email | Notice of off-site field activities for week of March 4, 2019 | General Correspondence |
| March 6, 2019 | Arcadis | EGLE | Meeting | Meeting between EGLE, Ford and Arcadis | Meeting |
| March 7, 2019 | Arcadis | EGLE | On-site Visit | EGLE On-site to collect GW Split samples | Site Visit and Sampling |
| March 11, 2019 | Ford | EGLE | Email | Response to EGLE comments regarding shallow groundwater data collected in accordance with RespAP Vapor Intrusion Evaluation and EGLE's November 27, 2018 letter | Response to comments |
| March 12, 2019 | Arcadis | EGLE | Hardcopy | Memo Regarding Recent Off-Site Shallow Groundwater Sampling and Pre-Emptive Mitigation | Submittal |
| March 14, 2019 | Ford | EGLE | Hardcopy | Extension request to EGLE | Request for approval |
| March 14, 2019 | Arcadis | EGLE | Email | Memo - Multiple Lines of Evidence Supporting Monitoring at Specific Properties | Submittal |
| March 16, 2019 | Arcadis | EGLE | On-site Visit | EGLE On-site to collect GW Split samples | Site Visit and Sampling |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| March 21, 2019 | EGLE | Ford | Hardcopy | Response to 3/14/2019 letter granting permission of 30-day extension for mitigation system installation at 12100 Boston Post, 12101 Brewster, 12121 Boston Post, 12141 Boston Post, 34544 Beacon, 34424 Beacon and 12070 Boston Post. | Response to comments |
| March 21, 2019 | EGLE | Ford | Hardcopy | Denial of Ford's request to remove seven homes from mitigation requirement | Response to comments |
| March 26, 2019 | Arcadis | EGLE | Meeting | Meeting between EGLE, Ford and Arcadis | Meeting |
| March 26, 2019 | EGLE | Ford | Hardcopy | EGLE response to 3/12/2019 letter requesting additional properties of 12001 Stark and 11965 Stark be included in 100-foot offsite line | Response to comments |
| April 5, 2019 | Ford | EGLE | Hardcopy | Value Assurance Program Information Disbursement | Submittal |
| April 9, 2019 | Ford | EGLE | Meeting | Meeting between EGLE, Ford and Arcadis | Meeting |
| April 10, 2019 | Arcadis | EGLE | Email | 34990 Beacon Street mitigation design package review submittal | Submittal |
| April 15, 2019 | Ford | EGLE | Meeting | Meeting between EGLE, Ford and Arcadis | Meeting |
| April 16, 2019 | Ford | EGLE | Hardcopy | Memorandum Regarding Laboratory Issues Affecting Select Off-Site Samples | Submittal |
| April 17, 2019 | Ford | EGLE | Hardcopy | Extension request for mitigation system installation | Request for approval |
| April 19, 2019 | EGLE | Ford | Email | Review of 34990 Beacon Street mitigation design package | Response to comments |
| April 23, 2019 | Arcadis | EGLE | Email | 12101 Brewster mitigation system review submittal | Request for approval |
| April 23, 2019 | Arcadis | EGLE | Email | 12131 Boston Post basement mitigation design package review submittal | Request for approval |
| April 30, 2019 | Arcadis | EGLE | Email | 12070 Boston Post basement mitigation design package review submittal | Request for approval |
| May 1, 2019 | EGLE | Ford | Email | EGLE correspondence regarding residential property 12070 Boston Post | Response to comments |
| May 1, 2019 | EGLE | Ford | Email | Request to respond to design concerns regarding 12070 Boston Post mitigation design | Request for Information |
| May 1, 2019 | EGLE | Ford | Email | Correspondence regarding water in the crawl space at 34450 Beacon Street | Request for Information |
| May 2, 2019 | Arcadis | EGLE | Hardcopy | 1Q 2019 Progress Report | Submittal |
| May 2, 2019 | Arcadis | EGLE | Email | 34990 Beacon Street mitigation design package revisions | Submittal |
| May 3, 2019 | EGLE | Ford | Hardcopy | Letter regarding contaminated lab canisters and next steps | General Correspondence |
| May 3, 2019 | EGLE | Ford | Email | Description of EGLE review process for VI mitigation plans | General Correspondence |
| May 4, 2019 | EGLE | Ford | Email | 12101 Brewster mitigation system review correspondence | General Correspondence |
| May 4, 2019 | Arcadis | EGLE | Email | 24-hour notice regarding lab impacted sampling canisters and resample schedule | General Correspondence |
| May 6, 2019 | EGLE | Ford | Email | Homeowner communication regarding residential property 12034 Brewster | General Correspondence |
| May 6, 2019 | EGLE | Ford | Email | Homeowner communication regarding residential property 12034 Brewster | General Correspondence |
| May 8, 2019 | EGLE | Ford | Email | Homeowner outreach regarding mitigation system at 12036 Brewster Street. Request from EGLE that they be notified of any future mitigation system shut downs within 24-hours. | Response to comments |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| May 8, 2019 | EGLE | Ford | Hardcopy | Mitigation system installation date correspondence regarding systems at 12131 Boston Post, 12070 Boston Post, 34940 Beacon, 12036 Brewster, 12124 Brewster, 34544 Beacon, 12121 Boston Post, and 34990 Beacon | Request for Information |
| May 9, 2019 | EGLE | Ford | Email | EGLE agreement of 34990 Beacon Street design revisions | General Correspondence |
| May 10, 2019 | Arcadis | EGLE | Hardcopy | Response to May 2, 2019 email from EGLE requesting information regarding flooding in crawl spaces of residential properties | Response to comments |
| May 19, 2019 | EGLE | Ford | Email | Homeowner communication regarding residential property 12034 Brewster | General Correspondence |
| May 19, 2019 | EGLE | Ford | Email | Request for additional information regarding mitigation design at 12070 Boston Post | Request for Information |
| May 22, 2019 | EGLE | Ford | Email | Request to meet in person to discuss installation of off-site residential mitigation systems | Request for Information |
| May 24, 2019 | Ford | EGLE | Hardcopy | Request for extension to complete installation of mitigation systems at residential properties | Request for approval |
| May 26, 2019 | EGLE | Ford | Email | Homeowner communication regarding residential property 12034 Brewster | General Correspondence |
| May 26, 2019 | EGLE | Ford | Email | EGLE correspondence regarding water levels observed in crawl space at residential property 34450 Beacon Street | Request for Information |
| May 26, 2019 | EGLE | Ford | Email | EGLE request for monthly mitigation system update reports | General Correspondence |
| May 26, 2019 | EGLE | Ford | Email | Request for additional information regarding mitigation design at 12070 Boston Post | Request for Information |
| May 28, 2019 | EGLE | Ford | Email & Hardcopy | EGLE request for Public Outreach Plan including 24-hr hotline, website, and email. Request to respond to citizen correspondence within 24-hours, provide EGLE a resident complaint log each month, and assign a community liaison. | Request for Information |
| May 30, 2019 | Ford | EGLE | Hardcopy | Response to EGLE | General Correspondence |
| May 31, 2019 | EGLE | Ford | Email | EGLE correspondence regarding mitigation design at residential property 12070 Boston Post | Request for Information |
| May 31, 2019 | Ford | EGLE | Email | Response to citizen concerns | Request for Information |
| June 3, 2019 | Ford | EGLE | Hardcopy | A community liaison was provided to residents | General Correspondence |
| June 3, 2019 | EGLE | Ford | Email | Correspondence regarding citizen concerns and community liaison | Request for Information |
| June 7, 2019 | Ford | EGLE | Hardcopy | Response to MDHHS request for information on air purifier units | Submittal |
| June 7, 2019 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| June 14, 2019 | Arcadis | EGLE | Hardcopy | Response to EGLE May 26, 2019 email regarding water levels in residential crawl spaces | Response to comments |
| June 28, 2019 | Ford | EGLE | Hardcopy | Updated Public Outreach Plan | Request for approval |
| June 28, 2019 | Arcadis | EGLE | Hardcopy | Public Outreach Plan - Revision: 1 | Submittal |
| June 28, 2019 | Arcadis | EGLE | Hardcopy | Response to May 26, 2019 email providing long term solutions for water levels observed in crawl spaces | Response to comments |
| July 12, 2019 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| July 17, 2019 | EGLE | Ford | Hardcopy | Request to assess and address vapor intrusion at 12400 Belden Court and 11675 Belden Court based on data submitted in the 2Q data packages | Request for Information |
| July 25, 2019 | Arcadis | EGLE | Hardcopy | Response to EGLE comments on data from 12400 Belden Ct and 11675 Belden Ct | Response to comments |
| July 26, 2019 | EGLE | Ford | Hardcopy | Response from review of Ford's Monthly Mitigation Updates dated May 24, 2019, June 7, 2019, and July 7, 2019. EGLE requests specific dates that mitigation systems will meet performance metrics and/or be installed and for several properties as well as request that garages/additions that have been converted to living spaces must be meeting performance metrics, and that an update be provided on the water encountered within the mitigation system at 12089 Boston Post. | Request for Information |
| July 31, 2019 | Arcadis | EGLE | Hardcopy | 2Q 2019 Progress Report | Submittal |
| August 30, 2019 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| September 23, 2019 | EGLE | Ford | Hardcopy | EGLE requests documentation of volatile source used at businesses located at 12400 Belden Court and 11675 Belden Court. Request installation of monitoring wells upgradient and adjacent to these properties. Request that Ford further evaluate groundwater conditions. | Request for Information |
| September 30, 2019 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| October 31, 2019 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| November 8, 2019 | Arcadis | EGLE | Hardcopy | 3Q 2019 Progress Report | Submittal |
| November 18, 2019 | EGLE | Ford | Hardcopy | EGLE response to Ford's Monthly Mitigation Updates dated August 30, 2019, September 30, 2019, and October 31, 2019. EGLE requests Ford's next steps for access to 12141 Boston Post, 12091 Brewster, 12100 Boston Post, 12121 Boston Post, 12124 Boston Post, and 34644 Beacon. Additionally, EGLE requests rain response actions and information regarding depressurization at systems located at 34682 Beacon, 34990 Beacon, 12100 Bost Post, 34591 Beacon and 12067 Boston Post. | Request for Information |
| November 27, 2019 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| December 11, 2019 | Arcadis | EGLE | Hardcopy | Request for reconsideration of mitigation system installation at residential properties located at 34800 Standish and 11665 Boston Post due to property owner refusal to grant access | Request for approval |
| December 13, 2019 | Arcadis | EGLE | Hardcopy | Response to comments received by EGLE on December 9, 2019 regarding residential properties located at 12001 Stark and 34934 Standish | Response to comments |
| December 20, 2019 | Arcadis | EGLE | Email | 24-hr exceedance notification for offsite vapor intrusion assessment conducted at 34360 Capitol and on-site chemical inventory correspondence | General Correspondence |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| December 31, 2019 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| January 6, 2020 | EGLE | Arcadis | Email | Request for information regarding data collected 34934 Standish and 12001 Stark (follow up from December 13, 2019 submittal) | Request for Information |
| January 7, 2020 | EGLE | Ford | Email | Request for information regarding data collected at 34360 Capitol | Request for Information |
| January 9, 2020 | Arcadis | EGLE | Email | Information submitted for 34934 Standish and 12001 Stark regarding sub slab exceedances and PCE detections. | Response to comments |
| January 16, 2020 | Arcadis | EGLE | Email | Email notification of system shut down at 34360 Capitol and follow up correspondence | General Correspondence |
| January 23, 2020 | EGLE | Ford | Hardcopy | EGLE response to Ford's Monthly Mitigation updates dated November 27, 2019 and December 31, 2019. EGLE requests progress updates at 12141 Boston Post, 12091 Brewster, 34990 Beacon, and 12100 Boston Post due to owners not providing Ford access. Additional information was requested for mitigation systems at 34682 Beacon, 12100 Boston Post, 34951 Beacon, 12067 Boston Post, and 34990 Beacon not achieving depressurization standards. | Request for Information |
| January 31, 2020 | Arcadis | EGLE | Hardcopy | 4Q 2019 Progress Report | Submittal |
| January 31, 2020 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| February 4, 2020 | Arcadis | EGLE | Email | 24-hr exceedance notification for 12089 Boston Post regarding TCE detections and chemical inventory | Submittal |
| February 14, 2020 | EGLE | Ford | Hardcopy | EGLE response to Ford's Monthly Mitigation updates dated January 31, 2020. EGLE requests mitigation updates for properties where access has not been granted (12121 Boston Post, 12141 Boston Post and 12091 Brewster) and where the property owner did not agree to the mitigation proposal (34990 Beacon). EGLE requests that vacuum be increased at 34480 Capitol, 12100 Boston Post, 12036 Brewster, 34682 Beacon and 12067 Boston Post. | Request for Information |
| February 29, 2020 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| March 21, 2020 | EGLE | Arcadis | Email | Request for additional information regarding homes with indoor air exceedances due to household products (12089 Belden Ct) | Request for Information |
| March 31, 2020 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| March 31, 2020 | Arcadis | EGLE | Email | Response to indoor air contamination at 34360 Capitol Street, 12001 Stark Road and 34934 Standish Street and proposed sampling | Request for Information |
| April 1, 2020 | Arcadis | EGLE | Email | Response to 24-hr notification request for additional information (12089 Belden Ct) | Response to comments |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| April 1, 2020 | Arcadis | EGLE | Hardcopy | Response to EGLE requesting more information related to systems installation updates submitted in the monthly update memos dated November 28, 2019, January 23, 2020, and February 14, 2020. | Response to comments |
| April 29, 2020 | EGLE | Arcadis | Email | Residential homes follow up correspondence regarding analysis, groundwater samples and work proposed for 12089 Boston Post | Request for Information |
| April 30, 2020 | Arcadis | EGLE | Hardcopy | 1Q 2020 Progress Report | Submittal |
| April 30, 2020 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| May 4, 2020 | Arcadis | EGLE | Hardcopy | Interim Groundwater Monitoring Plan | Submittal |
| May 4, 2020 | Arcadis | EGLE | Hardcopy | Interim Groundwater Monitoring Plan Addendum 1 | Submittal |
| May 15, 2020 | Arcadis | EGLE | Email | Response to EGLE request for additional information regarding residential VI investigation | Response to comments |
| May 31, 2020 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| June 30, 2020 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| July 24, 2020 | EGLE | Ford | Email | EGLE approval of OMM Report template for homeowners | Approval |
| July 31, 2020 | Arcadis | EGLE | Hardcopy | 2Q 2020 Progress Report | Submittal |
| July 31, 2020 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| August 3, 2020 | EGLE | Ford | Hardcopy | Interim Groundwater Monitoring Plan Disapproval. Plan not approved due to lack of technical basis or rationale for the request to reduce quarterly groundwater sampling. | Disapproval |
| August 31, 2020 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |
| September 22, 2020 | EGLE | Ford | Hardcopy | EGLE response to Ford's Monthly Mitigation updates dated June 30, 2020, July 31, 2020, and August 31, 2020. Request for additional updates and/or performance metrics data at 34682 Beacon, 34990 Beacon, 12100 Boston Post, 12131 Boston Post and 12141 Boston Post, 12036 Brewster, 12091 Brewster, 34424 Capitol, 34550 Capitol, and 12067 Boston Post. EGLE requests that Ford continue mitigation systems installation at 34380 Capitol, 12124 Boston Post and 12121 Boston Post. EGLE requests that water observed on vapor barriers at 34401 Capitol, 12067 Boston Post, 12066 Boston Post, 34591 Beacon and 34480 Capitol be evaluated. | Request for Information |
| September 25, 2020 | EGLE | Ford | Email | Submittal of Weston Solutions model of potential off-site transport | Submittal |
| October 31, 2020 | Arcadis | EGLE | Hardcopy | 3Q 2020 Progress Report | Submittal |
| October 31, 2020 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Monthly Update | Submittal |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| November 30, 2020 | EGLE | Ford | Hardcopy | Re: Offsite Interim Preemptive Mitigation Installation Monthly Update. Review of Monthly Mitigation Update received for the month of October 2020. EGLE approves request to provide updates from a monthly schedule to quarterly schedule to be provided in Quarterly Progress Report. | Request for Information |
| January 19, 2021 | EGLE | Ford | Email | EGLE correspondence for groundwater sampling reduction request | Response to comments |
| January 29, 2021 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| January 31, 2021 | Arcadis | EGLE | Hardcopy | 4Q 2020 Progress Report | Submittal |
| February 18, 2021 | EGLE | Ford | Hardcopy | Re: Interim Groundwater Monitoring Plan Approval with modifications | Approval |
| February 22, 2021 | Arcadis | EGLE | Hardcopy | CSM and Requested Property Specific Monitoring Program for Five Offsite Mitigation Properties related to the Ford Livonia Transmission Plant approval with modifications. | Submittal |
| April 14, 2021 | EGLE | Ford | Hardcopy | Re: CSM and Requested Property Specific Monitoring Program for Five Offsite Mitigation Properties related to the Ford Livonia Transmission Plant | Response to comments |
| April 30, 2021 | Arcadis | EGLE | Hardcopy | 1Q 2021 Progress Report | Submittal |
| May 12, 2021 | Arcadis | EGLE | Hardcopy | Interim Groundwater Monitoring Plan, Addendum 1 | Submittal |
| May 19, 2021 | Ford | Property Owners | Hardcopy | Notification of groundwater testing project to off-site property owners | Submittal |
| July 27, 2021 | EGLE | Ford | Hardcopy | Re: Interim Groundwater Monitoring Plan, Addendum 1, approved with modifications | Approval |
| July 30, 2021 | Arcadis | EGLE | Hardcopy | 2Q 2021 Progress Report | Submittal |
| July 30, 2021 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| October 29, 2021 | Arcadis | EGLE | Hardcopy | 3Q 2021 Progress Report | Submittal |
| October 29, 2021 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| January 12, 2022 | EGLE | Ford | Email | EGLE request for groundwater data packages to include the residential property address on which monitoring well is being sampled and to include address in chain of custody. | Request for Information |
| January 12, 2022 | Arcadis | EGLE | Email & Hardcopy | Groundwater data package submittals for off-site properties | Submittal |
| January 13, 2022 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Off-Site sanitary sewer discussion. | Meeting |
| January 25, 2022 | EGLE | Ford | Email | Request for additional information for vapor intrusion data packages. | Request for Information |
| January 31, 2022 | Arcadis | EGLE | Hardcopy | 4Q 2021 Progress Report | Submittal |
| January 31, 2022 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| February 28, 2022 | Arcadis | | Hardcopy | CSM and Requested Property Specific Monitoring Program for Eleven Offsite Mitigation Properties related to the Ford Livonia Transmission Plant | Submittal |
| April 29, 2022 | Arcadis | EGLE | Hardcopy | 1Q 2022 Progress Report | Submittal |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| April 29, 2022 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| June 30, 2022 | Ford | EGLE | Meeting | Meeting to discuss property specific monitoring program for 11 offsite properties. EGLE requests revision to CSM instead of addendum. | Meeting |
| July 29, 2022 | Arcadis | EGLE | Hardcopy | 2Q 2022 Progress Report | Submittal |
| July 29, 2022 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| September 1, 2022 | EGLE | Ford | Meeting | EGLE is recommending that Ford submit an RIR followed by a RespAP to request to turn a subset of residential systems off and not go to a RAP. | Meeting |
| September 1, 2022 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Reporting roadmap is discussed with intention to be able to turn off off-site residential mitigation systems | Meeting |
| September 22, 2022 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Project teams discusses reporting roadmap and EGLE's desire for RIR based on geographical location | Meeting |
| October 31, 2022 | Arcadis | EGLE | Hardcopy | 3Q 2022 Progress Report | Submittal |
| October 31, 2022 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| November 10, 2022 | Arcadis | | Meeting | EGLE requested to add a reference in the Quarterly Residential Mitigation Memo that provides more detail why the transmitters are an acceptable performance metrics in lieu of the -0.02 iwc. The justification will be included in the 4Q2022 Quarterly Residential Mitigation Memo and be provided via email during submittal.<br><br>The Offsite Remedial Investigation Report (Alden Village) – Ford, EGLE, and Arcadis will meet and discuss the report in person during a workshop to align and agree to what the submittal will include. | Request for Information |
| January 24, 2023 | Arcadis | EGLE | Hardcopy | Property Boundary Zero Valent Iron Remedial Action Work Plan | Submittal |
| January 31, 2023 | Arcadis | EGLE | Hardcopy | 4Q 2022 Progress Report | Submittal |
| January 31, 2023 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| February 16, 2023 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Provide update to EGLE that vapor sampling is being completed at 2 off-site residential properties due to GWS concentrations per the residential CSM. Provide update to EGLE on 34940 Beacon retro-coat | Meeting |
| April 28, 2023 | Arcadis | EGLE | Hardcopy | 1Q 2023 Progress Report | Submittal |
| April 28, 2023 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| June 30, 2023 | Arcadis | EGLE | Hardcopy | Response to EGLE disapproval of Property Boundary Zero Valent Iron Remedial Action Work Plan approval request | Response to comments |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| July 6, 2023 | Ford | EGLE | Meeting | Meeting between EGLE, Ford and Arcadis. Renaming of ZVI RespAP was discussed to be consistent with CD. Discuss discontinuation of complain log and only submit if complaints are received. | Meeting |
| July 20, 2023 | EGLE | Ford | Hardcopy | Response Activity Plan – Interim Response Activities for Zero Valent Iron Injections at the Ford – Livonia Transmission Plant - Approval with modifications | Approval |
| July 31, 2023 | Arcadis | EGLE | Hardcopy | 2Q 2023 Progress Report | Submittal |
| July 31, 2023 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| August 1, 2023 | Arcadis | EGLE | Hardcopy | Notice of Conditional Approval of Response Activity Plan - Interim Response Activities for Zero Valent Iron Injections at the Ford - Livonia Transmission Plant response to comments | Response to comments |
| September 14, 2023 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Provided update on ZVI injection work. | Meeting |
| October 5, 2023 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Provided update on ZVI injection work. | Meeting |
| October 26, 2023 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Discussion regarding updates to the Off-site Belden Court/Alden Village RIR and path forward | Meeting |
| October 31, 2023 | Arcadis | EGLE | Hardcopy | 3Q 2023 Progress Report | Submittal |
| October 31, 2023 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| January 4, 2024 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis | Meeting |
| January 31, 2024 | Arcadis | EGLE | Hardcopy | 4Q 2023 Progress Report | Submittal |
| February 1, 2024 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. EGLE requests that an update be provided regarding 12400 and 12100 Boston Post mitigation. Withdraw and resubmit quarterly mitigation report. | Meeting |
| February 20, 2024 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| February 22, 2024 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Discuss Off-Site Belden Ct/Alden Village RIR regarding what data to include. Discussion regarding mitigation at 34940 Beacon, 12100 Boston Post and 34480 Capitol Ave | Meeting |
| April 4, 2024 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Provide update on timing and progress of Off-Site Belden Ct/Alden Village RIR | Meeting |
| April 30, 2024 | Arcadis | EGLE | Hardcopy | 1Q 2024 Progress Report | Submittal |
| May 16, 2024 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Discuss language in quarterly mitigation reports and mitigation system updates and what to include in Off-Site Belden Ct/Alden Village RIR | Meeting |
| May 20, 2024 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| July 18, 2024 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. EGLE provides update the Weston is reviewing data and will provide feedback on what they determine to be data gaps | Meeting |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| July 31, 2024 | Arcadis | EGLE | Hardcopy | 2Q 2024 Progress Report | Submittal |
| July 31, 2024 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| August 29, 2024 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Discuss Off-site Belden Ct/Alden Village RIR and next steps (RAP) | Meeting |
| October 10, 2024 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Discuss 34940 Beacon Retro-Coat and Off-Site Belden Ct/Alden Village RIR. EGLE requests that Ford withdraw RIR so that EGLE can provide informal comments to allow Ford to submit an approvable document | Meeting |
| October 24, 2024 | EGLE | Ford | Hardcopy | 34940 Beacon Avenue RetroCoat Delamination Request for Revised Interim Response Activity Plan for Mitigation | Request for Information |
| October 31, 2024 | Arcadis | EGLE | Hardcopy | 3Q 2024 Progress Report | Submittal |
| October 31, 2024 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Project discussion Off-Site Belden Ct/Alden Village RIR, on-site/off-site CSM and Response Activity Plan for 34940 Beacon | Meeting |
| November 10, 2024 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| November 21, 2024 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Provide update on 34940 Beacon and Off-Site Belden Ct/Alden Village RIR review | Meeting |
| December 9, 2024 | Arcadis | EGLE | Hardcopy | Response Activity Plan - Revised Interim Response Activity Plan for 34940 Beacon Street | Request for approval |
| December 12, 2024 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Provide update on 34940 Beacon and Off-Site Belden Ct/Alden Village RIR review | Meeting |
| January 3, 2025 | Arcadis | EGLE | Hardcopy | EGLE Response to Response Activity Plan - Revised Interim Response Activity Plan for 34940 Beacon Street | Submittal |
| January 16, 2025 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Update on field activities at 34940 Beacon provided as well as discussion on Off-Site Belden Ct/Alden Village RIR | Meeting |
| January 31, 2025 | Arcadis | EGLE | Hardcopy | 4Q 2024 Progress Report | Submittal |
| January 31, 2025 | Arcadis | EGLE | Hardcopy | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| February 5, 2025 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis Presentation presented by Arcadis to discuss request for site specific vapor criteria and Off-site Belden Ct/Alden Village RIR | Meeting |
| March 11, 2025 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Discuss progress at 34940 Beacon. Will set up a technical in-person meeting to discuss Off-site Belden Ct/Alden Village RIR | Meeting |
| April 16, 2025 | Ford | EGLE | In Person Meeting | Meeting between EGLE, Ford, and Arcadis at Arcadis Novi office. Presentation provided and discussion regarding EGLE's informal comments of Off-site Belden Ct/Alden Village RIR and on/off Site CSM | Meeting |
| April 30, 2025 | Arcadis | EGLE | Email | 1Q 2025 Progress Report | Submittal |
| April 30, 2025 | Arcadis | EGLE | Email | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |

| Date | Originator | Recipient(s) | Type of Correspondence | Subject and/or Details | Purpose of Correspondence |
|---|---|---|---|---|---|
| May 21, 2025 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Presentation and discussion of Site Specific Vapor criteria. Discuss that the EGLE model is not applicable to this site | Meeting |
| July 31, 2025 | Arcadis | EGLE | Email | 2Q 2025 Progress Report | Submittal |
| July 31, 2025 | Arcadis | EGLE | Email | Offsite Interim Preemptive Mitigation Installation Quarterly Update | Submittal |
| August 4, 2025 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Discuss Off-site Belden Ct/Alden Village RIR - vertical delineation, next steps for public comment period | Meeting |
| September 2, 2025 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Discuss Off-site Belden Ct/Alden Village RIR - soil TDL, vertical delineation | Meeting |
| September 11, 2025 | EGLE | Ford | Email | Request to Modify Reporting Frequency and content with Progress Reports Approval | Request for approval |
| October 6, 2025 | Ford | EGLE | Meeting | Meeting between EGLE, Ford, and Arcadis. Discuss Off-site Belden Ct/Alden Village RIR public comment period and reporting status, EGLE outline and risk assessment | Meeting |

# Appendix B

## Historical Aerial Photographs


INQUIRY #: 4543305.5
YEAR: 1937
= 500'
N
EDR


INQUIRY #: 4543305.5
YEAR: 1940
= 500'
N
EDR


INQUIRY #: 4543305.5
YEAR: 1949
= 500'
N
EDR



**INQUIRY #:** 4543305.5

**YEAR:** 1952

= 500'

N

EDR



**INQUIRY #:** 4543305.5

**YEAR:** 1957

= 500'

N

EDR

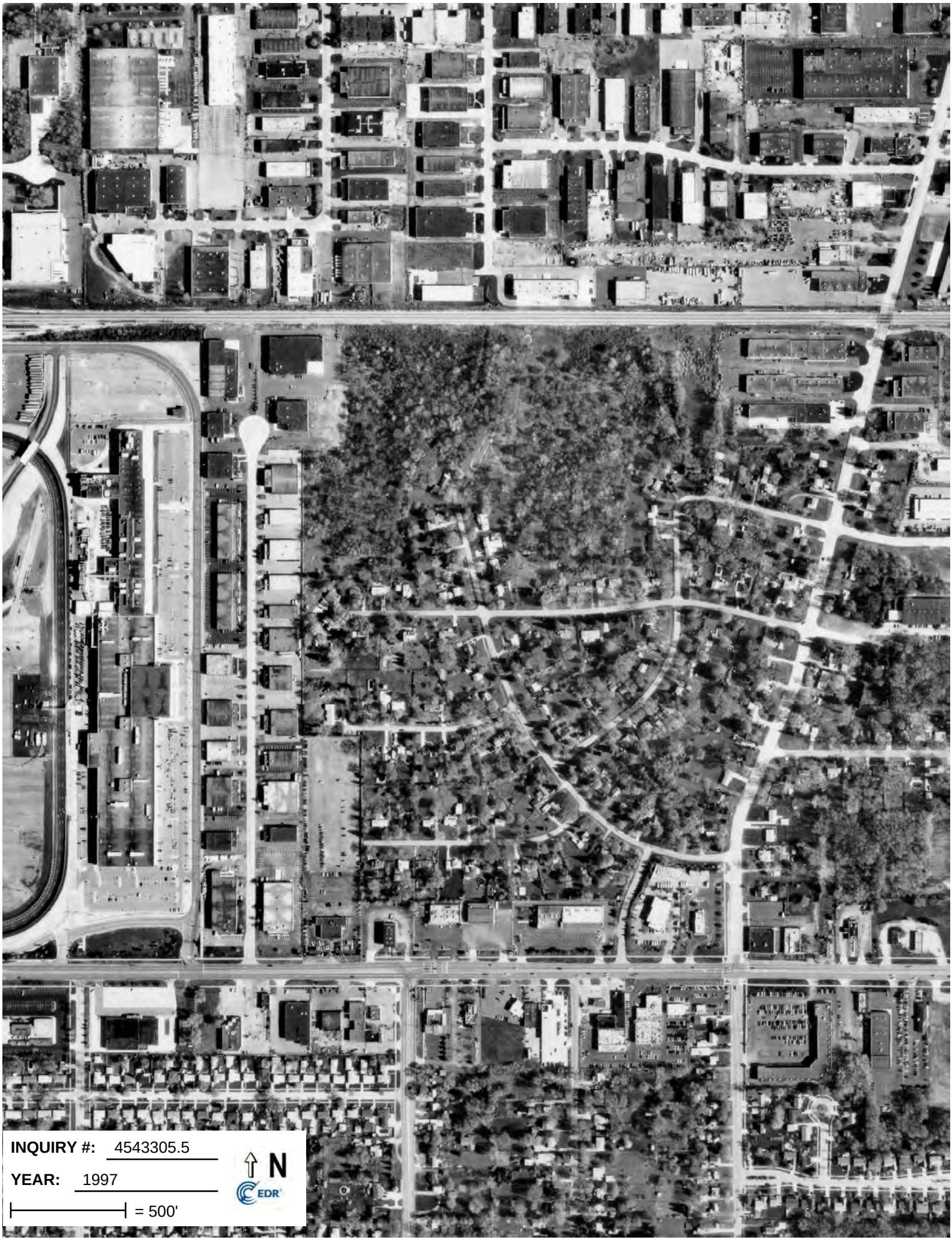

INQUIRY #: 4543305.5
YEAR: 1960
= 500'
N
EDR


INQUIRY #: 4543305.5
YEAR: 1967
= 500'
N
EDR


INQUIRY #: 4543305.5
YEAR: 1972
= 500'
N
EDR


INQUIRY #: 4543305.5
YEAR: 1983
= 500'
N
EDR


INQUIRY #: 4543305.5
YEAR: 1987
= 500'
N
EDR


INQUIRY #: 4543305.5
YEAR: 1997
= 500'
N
EDR


INQUIRY #: 4543305.5
YEAR: 1999
= 500'
N
EDR


INQUIRY #: 4543305.5
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 4543305.5
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 4543305.5
YEAR: 2010
= 500'
N
EDR


INQUIRY #: 4543305.5
YEAR: 2012
= 500'
N
EDR

# Appendix C

## Boring Logs and HPT Logs

# Soil Boring Log

Boring No.: MW-72

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 05/02/2017
Date Completed: 05/02/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 40° F, Overcast

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | (0.0-1.0') CONCRETE. | 8.0" Flush Mount (0.0-1.0') Cement | |
| | | | | | 2.2 | | (1.0-6.0') SAND; fine to medium, subrounded to subangular; well sorted; moist; yellowish brown (10YR 5/6). | 2.0" dia. SCH-40 PVC Casing (1.0-2.0') Filter Pack Sand | |
| 2 | | | | | 2.7 | | | | |
| 3 | | | 72 | | 2.5 | | | | |
| 4 | | | | | 1.0 | | | | |
| 5 | | | | | 2.4 | | | (2.0-8.5') Bentonite Pellets | |
| 6 | | | | | | | (6.0-15.0') NO RECOVERY. | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | 0 | | | | | (8.5-13.0') Bentonite Pellets | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | (13.0-20.0') Filter Pack Sand | |
| 15 | | | | | | | | | |
| 16 | | 8-16-23-20 (39) | 24 | SS | 0.1 | | (15.0-16.7') SAND; fine to medium, subrounded to subangular; trace granules, trace small pebbles; wet; well sorted; dark grayish brown (10YR 4/2). | | |
| | | | | | 0.4 | | | (15.0-20.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 17 | | | | | 0.9 | | (16.7-17.0') SAND; medium to coarse, angular to subrounded; little granules; trace small pebbles; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 18 | | 2-4-6-10 (10) | 24 | | | | (17.0-18.5') SAND; fine to medium, subrounded to subangular; trace granules; trace small pebbles; wet; well sorted; dark grayish brown (10YR 4/2). | | |
| | | | | | 1.0 | | | | |
| 19 | | | | | | | (18.5-20.0') SAND; very fine; and SILT; wet; dark gray (10YR 4/1). | | |
| 20 | | 8-10-0-0 (10) | 12 | SS | 0.5 | | End of boring at 20.0' bgs. | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs.

Sampling Method: Split spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 669.3
North Coor: 320055.8
East Coor: 13387461.9

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-72S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/05/2018
Date Completed: 12/05/2018
Logger: J. Barker
Editor: C. O'Neill
Weather Conditions: 30° F, Light Snow

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') CONCRETE. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 2.5 | | (0.5-5.0') SAND, fine; well sorted; dry; very loose; yellowish brown (10YR 5/6). Note: Fill sand. | (0.5-3.5') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing | |
| 4 | | | | | 0.0 | | | (3.5-15.0') Filter Pack Sand | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 30 | | NR | | (5.0-9.0') SAND, fine; trace silt; trace clay; well sorted; dry; very loose; yellowish brown (10YR 5/6). | | |
| 7 | | | | | 6.8 | | | | |
| 8 | | | | | NR | | | (3.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 13.8 | | | | |
| 10 | | | | | 14.1 | | (9.0-14.0') SAND, fine; trace silt; trace clay; well sorted; wet; very loose; brown (10YR 5/3). | | |
| 11 | | | 24 | | NR | | | | |
| 12 | | | | | NR | | | | |
| 13 | | | | | 16.4 | | | | |
| 14 | | | | | 25.8 | | | | |
| 15 | | | | | NR | | (14.0-15.0') SAND, fine to coarse; little silt; trace clay; trace granules; well sorted; wet; very loose. | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Dakota
Driller: Al Smith
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 669.3
North Coor: 320053.4
East Coor: 13387463.9

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-73D

Sheet: 1 of 2

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 05/01/2017
Date Completed: 05/01/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 60° F, Overcast

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | NA | | (0.0-1.0') CONCRETE. | 8.0" Flush Mount | |
| 2 | | | | | NA | | (1.0-4.0') SAND; fine to medium, subrounded to subangular; little silt; trace small pebbles; poorly sorted; moist; dark yellowish brown (10YR 4/6). | 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-2.0') Filter Pack Sand (2.0-6.0') Bentonite Pellets | |
| 3 | | | 72 | | NA | | Note: Fill, brick. | | |
| 4 | | | | | NA | | | | |
| 5 | | | | | NA | | (4.0-6.0') SAND; fine; some silt; trace granules, subrounded; poorly sorted; moist; yellowish brown (10YR 5/6). | | |
| 6 | | | | | NA | | | | |
| 7 | | | | | NA | | (6.0-14.0') NO RECOVERY. | | |
| 8 | | | | | NA | | | | |
| 9 | | | | | NA | | | (6.0-11.0') Bentonite Pellets | |
| 10 | | | 0 | | NA | | | | |
| 11 | | | | | NA | | | | |
| 12 | | | | | NA | | | | |
| 13 | | | | | NA | | | (11.0-19.0') Filter Pack Sand | |
| 14 | | | | | NA | | | | |
| 15 | | 4-6-6-9 (12) | 24 | | NA | | (14.0-15.0') SAND; fine to medium, subrounded to subangular; trace granules; trace coarse sand; poorly sorted; wet; dark gray (10YR 4/1). | | |
| 16 | | | | | NA | | (15.0-16.0') SAND and SILT; little to trace clay; poorly sorted; wet; dark gray (10YR 4/1). | (13.5-18.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 17 | | 1-6-7-7 (13) | 24 | SS | NA | | (16.0-17.5') SAND; fine to medium, subrounded to subangular; trace silt; well sorted; wet; dark gray (10YR 4/1). | | |
| 18 | | | | | NA | | (17.5-17.8') SAND; and SILT; little to trace clay; poorly sorted; wet; dark gray (10YR 4/1). | | |
| 19 | | 2-7-0-0 (7) | 12 | SS | NA | | (17.8-18.0') CLAY; and SILT; medium plasticity, slow dilatancy; medium stiff; dark gray (10YR 4/1). | | |
| 20 | | | | | | | (18.0-18.5') SAND; fine to medium, subangluar to subrounded; trace silt; well sorted; wet; dark gray (10YR 4/1). | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs.

Sampling Method: Split spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.5
North Coor: 319630.1
East Coor: 13387436.6

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

Boring No.: MW-73D

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 05/01/2017
Logger: A. DeGrandis

Project Number: MI001454
Date Completed: 05/01/2017
Editor: T. Stevens

Project Location: Livonia, MI
Weather Conditions: 60° F, Overcast

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 21 | | | | | | | (18.5-19.0') CLAY; some silt; high plasticity, no to slow dilatancy; medium stiff to stiff; moist; dark gray (10YR 4/1). End of boring at 19.0' bgs. | | |
| 22 | | | | | | | | | |
| 23 | | | | | | | | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| 32 | | | | | | | | | |
| 33 | | | | | | | | | |
| 34 | | | | | | | | | |
| 35 | | | | | | | | | |
| 36 | | | | | | | | | |
| 37 | | | | | | | | | |
| 38 | | | | | | | | | |
| 39 | | | | | | | | | |
| 40 | | | | | | | | | |
| 41 | | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-73S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 05/02/2017
Date Completed: 05/02/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 44° F, Rainy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | NA | | (0.0-1.0') CONCRETE. | 8.0" Flush Mount | |
| 2 | | | | | NA | | (1.0-4.0') SAND; fine to medium, subrounded to subangular; little silt; trace small pebbles, subrounded to subangular; poorly sorted; moist; dark yellowish brown (10YR 4/6). | 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-2.0') Choker Sand (2.0-4.0') Bentonite Pellets (4.0-5.0') Bentonite Pellets (5.0-12.0') Filter Pack Sand | |
| 3 | | | 72 | | NA | | | | |
| 4 | | | | | NA | | | | |
| 5 | | | | | NA | | (4.0-6.0') SAND; fine; some silt; trace granules, subrounded; poorly sorted; mosit; yellowish brown (10YR 5/6). | | |
| 6 | | | | | NA | | | | |
| 7 | | | | | NA | | (6.0-7.0') NO RECOVERY. | | |
| 8 | | | | | NA | | (7.0-8.5') SAND; very fine to fine; little silt; well sorted; wet; dark grayish brown (10YR 4/2). | | |
| 9 | | | 56 | | NA | | (8.5-9.0') SAND; medium to very coarse; some pebbles, small to medium, subrounded to subangular; poorly sorted; wet; dark grayish brown (10YR 4/2). | (7.0-12.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 10 | | | | | NA | | (9.0-10.0') SAND; vey fine to fine; little silt; wet; well sorted; dark grayish brown (10YR 4/2). | | |
| 11 | | | | | NA | | (10.0-12.0') SAND; very fine to medium, subangular to sbrounded; some sand, coarse, saubangular to subrounded; little pebbles, small to meduim, subrounded to subangular; trace granules, subrounded to rounded; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 12 | | | | | NA | | | | |
| 13 | | | | | | | End of boring at 12.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs.

Sampling Method: Split spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.6
North Coor: 319635.3
East Coor: 13387436.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-73SR

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/06/2018
Date Completed: 12/06/2018
Weather Conditions: 30° F, Cloudy

Logger: C. O'Neill
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-1.0') CONCRETE. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand | |
| 2 | | | | | 0.0 | | (1.0-6.2') SAND, fine to coarse, subrounded to subangular; trace granules to small pebbles, subrounded to subangular; trace silt; poorly sorted; dry; dark yellowish brown (10YR 4/4) to yellowish brown (10YR 5/4). | | |
| 3 | | | 60 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | Note: Boring appeared moist at 4.0' bgs. | | |
| 6 | | | | | 0.0 | | Note: Boring appeared wet at 5.0' bgs. | | |
| 7 | | | | | 0.0 | | (6.2-9.2') SILT, nonplastic, rapid dilatancy; litle sand, very fine to fine, subrounded to subangular; well sorted; wet; grayish brown (10YR 5/2). | (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | 43 | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.2-11.1') SAND, medium to very coarse, subrounded to subangular; and GRANULES to MEDIUM PEBBLES, subrounded to subangular; trace silt; poorly sorted; wet; very loose; grayish brown (10YR 5/2). | | |
| 11 | | | | | 0.0 | | (11.1-12.2') SAND, very fine to medium, subrounded to subangular; trace granules, subrounded; trace silt; well sorted; wet; grayish brown (10YR 5/2). | | |
| 12 | | | | | 0.0 | | (12.2-13.0') SAND, medium to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 13 | | | 45 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | (13.0-14.2') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; trace granules, subrounded to subangular; well sorted; wet; gray (10YR 5/1). | | |
| 15 | | | | | 0.0 | | (14.2-15.0') SILT, nonplastic, rapid dilatancy; trace sand, very fine to fine, subrounded to subangular; well sorted; wet; gray (10YR 5/1). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.4
North Coor: 319638.7
East Coor: 13387436.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-74

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 05/03/2017
Date Completed: 05/03/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 50° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | (0.0-1.0') CONCRETE. | 8.0" Flush Mount | |
| 2 | | | | | 0.0 | | (1.0-6.0') SAND; fine to medium, trace granules to small pebbles, subrounded to subangular; well sorted; moist; yellowish brown (10YR 5/6). | 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-2.0') Filter Pack Sand | |
| 3 | | | 72 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | (2.0-12.0') Bentonite Pellets | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | | | (6.0-10.0') NO RECOVERY | | |
| 8 | | | 0 | GP | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | 0.0 | | (10.0-16.0') SAND; fine to medium, little to some coarse sand, trace small pebbles, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 44 | | 0.0 | | | (12.0-13.0') Choker Sand (13.0-19.0') Filter Pack Sand | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | 0.0 | | | (14.0-19.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 17 | | | 48 | | 0.0 | | (16.0-17.5') SAND; very fine to fine; and SILT; well sorted; wet; dark gray (10YR 4/1). | | |
| 18 | | | | | 0.0 | | (17.5-18.5') SAND; medium to coarse, little fine, subrounded to subangular; well sorted; wet; dark gray (10YR 4/1). | | |
| 19 | | | | | | | (18.5-19.0') SAND; very fine to fine; and SILT; well sorted; wet; dark gray (10YR 4/1). | | |
| 20 | | | | | | | End of boring at 19.0' bgs. | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 668.6
North Coor: 319398.1
East Coor: 13387444.9

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# Soil Boring Log

Boring No.: MW-74S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/05/2018
Date Completed: 12/05/2018

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 30° F, Cloudy/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description |
|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-1.0') CONCRETE. |
| 2 | | | | | 0.0 | | (1.0-7.0') SAND, fine to medium, subrounded to subangular; trace granules to small pebbles, subrounded to subangular; trace silt; poorly sorted; dry; brown (10YR 4/3) to brownish yellow (10YR 6/3). |
| 3 | | | | | 0.0 | | |
| 4 | | | | | 0.0 | | |
| 5 | | | | | 0.0 | | |
| 6 | | | 42 | | 0.0 | | Note: Boring appeared wet at 6.0' bgs. |
| 7 | | | | | 0.0 | | |
| 8 | | | | | 0.0 | | (7.0-8.0') SAND, fine to medium, subrounded to subangular; some silt, nonplsatic, high dilatancy; poorly sorted; wet; dark grayish brown (10YR 4/2). |
| 9 | | | | | 0.0 | | (8.0-8.5') SAND, medium to very coarse, subrounded to subangular; some small pebbles, very fine to medium; poorly sorted; wet; dark grayish brown (10YR 4/2). |
| 10 | | | | | 0.0 | | (8.5-9.0') SAND, very fine to medium, subrounded to subangular; and SILT; poorly sorted; wet; dark grayish brown (10YR 4/2). |
| 11 | | | 40 | | 0.0 | | (9.0-9.5') SAND, medium to coarse, subrounded to subangular; some granules to pebbles, subrounded to subangular; poorly sorted; wet; dark grayish brown (10YR 4/2). |
| 12 | | | | | 0.0 | | (9.5-11.0') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; poorly sorted; wet; dark grayish brown (10YR 4/2). |
| 13 | | | | | 0.0 | | (11.0-12.6') SAND, medium to very coarse, subrounded to subangular; and GRANULES to PEBBLES, subrounded to subangular; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/2). |
| 14 | | | | | 0.0 | | (12.6-12.9') SAND, very fine to medium, subrounded to subangular; some silt; poorly sorted; wet; dark grayish brown (10YR 4/2). |
| 15 | | | | | 0.0 | | (12.9-14.8') SAND, medium to very coarse, subrounded to subangular; some granules to pebbles, subrounded to subangular; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/2). |
| 16 | | | | | | | (14.8-15.0') SILT, nonplastic, rapid dilatancy; trace clay; well sorted; wet; dark grayish brown (10YR 4/2). |
| 17 | | | | | | | End of boring at 15.0' bgs. |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

Construction Details: 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen

Well

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 668.5
North Coor: 319394.9
East Coor: 13387445.2

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# Soil Boring Log

Boring No.: MW-75D

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 05/03/2017
Date Completed: 05/03/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 40° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | (0.0-1.0') CONCRETE. | 8.0" Flush Mount | |
| 2 | | | | | 4.1 | | (1.0-5.0') SAND; fine to medium, subrounded to subangular; trace granules, subrounded; well sorted; moist; yellowish brown (10YR 5/6). | 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-2.0') Choker Sand | |
| 3 | | | 72 | | 0.2 | | | | |
| 4 | | | | | 0.7 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | | | (5.0-6.0') SAND; medium to coarse, subrounded to subangular; little fine sand; trace granules, subangular; poorly sorted; moist to wet; dark grayish brown (10YR 4/2). | (2.0-10.0') Bentonite Pellets | |
| 7 | | | | | | | (6.0-12.0') NO RECOVERY. | | |
| 8 | | | | | | | | | |
| 9 | | | 0 | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | (10.0-17.0') Filter Pack Sand | |
| 12 | | | | | | | | | |
| 13 | | | 20 | SS | 0.0 | | (12.0-12.5') SAND; medium to coarse, subrounded to subangular; little fine sand; trace granules, subangular; poorly sorted; wet; dark gray (10YR 4/1). | | |
| 14 | | | | | 0.0 | | (12.5-17.0') SILT; and SAND, very fine to fine; trace clay; wet; dark gray (10YR 4/1). | (12.0-17.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 15 | | | 24 | | 0.0 | | | | |
| 16 | | | | | 0.0 | | | | |
| 17 | | | 12 | SS | 0.0 | | | | |
| 18 | | | | | | | End of boring at 17.0' bgs. | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs.

Sampling Method: Split spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.4
North Coor: 318770.9
East Coor: 13387445.7

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-75S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 05/03/2017
Date Completed: 05/03/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 40° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | (0.0-1.0') CONCRETE. | 8.0" Flush Mount | |
| 2 | | | | | 0.0 | | (1.0-5.0') SAND; fine to medium, subrounded to subangular; trace granules, subrounded; well sorted; moist; yellowish brown (10YR 5/6). | 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-2.0') Filter Pack Sand (2.0-3.5') Bentonite Pellets (3.5-10.0') Filter Pack Sand (5.0-10.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 3 | | | 72 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | (5.0-6.0') SAND; medium to coarse, subanuglar to subrounded; little fine sand; trace granules, subangular; poorly sorted; moist to wet; dark grayish brown (10YR 4/2). | | |
| 7 | | | | | 0.0 | | (6.0-8.5') SAND; fine to medium, subrounded to subangular; little granules to small pebbles, subrounded to subangular; trace coarse sand, subrounded; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 8 | | | 0 | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.5-10.0') SAND; medium to coarse, subrounded to subangular; little fine sand; trace granules to small pebbles, subrounded, poorly sorted; wet; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs.

Sampling Method: Split spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.4
North Coor: 318766.8
East Coor: 13387446.4

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# Soil Boring Log

Boring No.: MW-75SR

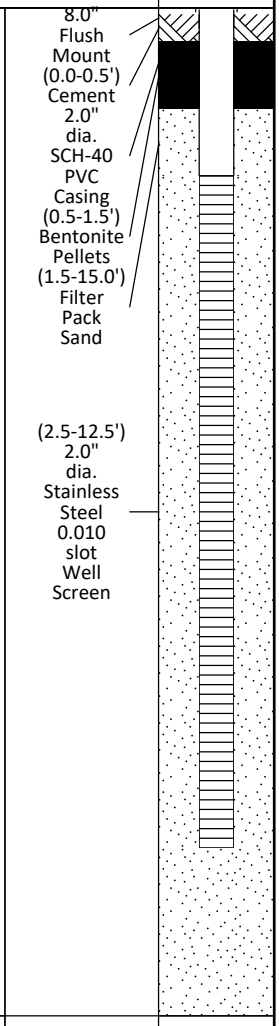
Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/06/2018
Date Completed: 12/06/2018
Logger: C. O'Neill
Editor: C. O'Neill
Weather Conditions: 30° F, Cloudy/Light Snow

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description |
|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-1.0') CONCRETE. |
| 2 | | | | | 0.0 | | (1.0-4.0') SAND, fine to medium, subrounded to subangular; trace granules to small pebbles, subrounded to subangular; trace silt; poorly sorted; dry to moist; yellowish brown (10YR 5/6). |
| 3 | | | 60 | | 0.0 | | |
| 4 | | | | | 0.0 | | |
| 5 | | | | | 0.0 | | (4.0-7.2') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; moist to wet; yellowish brown (10YR 5/6). Note: Boring appeared wet at 5.0' bgs. |
| 6 | | | | | 0.0 | | |
| 7 | | | | | 0.0 | | |
| 8 | | | 43 | | 0.0 | | (7.2-7.4') SAND, medium to coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; poorly sorted; wet; yellowish brown (10YR 5/6). |
| 9 | | | | | 0.0 | | (7.4-8.1') SILT, nonplastic, rapid dilatancy; some clay; trace sand, very fine to fine, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). |
| 10 | | | | | 0.0 | | (8.1-8.3') SAND, fine to coarse, subrounded to subangular; trace granules, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). |
| 11 | | | | | 0.0 | | (8.3-9.5') SAND, medium to very coarse, subrounded to subangular; and GRANULES to MEDIUM PEBBLES, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). |
| 12 | | | | | 0.0 | | (9.5-11.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). |
| 13 | | | 46 | | 0.0 | | (11.0-11.2') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; wet; grayish brown (10YR 5/2). |
| 14 | | | | | 0.0 | | (11.2-11.5') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). |
| 15 | | | | | 0.0 | | (11.5-12.5') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine, subrounded to subangular; trace clay; well sorted; wet; grayish brown (10YR 5/2). |
| 16 | | | | | | | (12.5-15.0') SILT, nonplastic to low plasticity, rapid dilatancy; some clay; trace sand, very fine to fine, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). |
| 17 | | | | | | | End of boring at 15.0' bgs. |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

Construction Details / Well




Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.4
North Coor: 318763.8
East Coor: 13387446.5

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICEDATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-76

Sheet: 1 of 2

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 05/04/2017
Date Completed: 05/04/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 40° F, Rainy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description |
|---|---|---|---|---|---|---|---|
| 1 | | | 72 | | 5.4 | | (0.0-0.5') TOPSOIL/GRASS. |
| 2 | | | | | 4.5 | | (0.5-7.5') SAND; fine to medium, little to trace granules to small pebbles, subrounded to subangular; poorly sorted; moist; brown (10YR 4/3). |
| 3 | | | | | 3.6 | | |
| 4 | | | | | 2.1 | | |
| 5 | | | | | 4.7 | | |
| 6 | | | | | 1.9 | | |
| 7 | | | 42 | | 0.0 | | |
| 8 | | | | | 0.0 | | (7.5-11.0') SAND; fine to medium, subrounded to subangular; trace silt; well sorted; moist; pale brown (10YR 6/3). |
| 9 | | | | | 0.0 | | |
| 10 | | | | | 0.0 | | Note: Boring appeared wet at 10.0' bgs. |
| 11 | | | 40 | | 0.0 | | (11.0-13.5') SAND; fine; little to some silt; trace clay; poorly sorted; wet; brown (10YR 5/3). |
| 12 | | | | | 0.0 | | |
| 13 | | | | | 0.0 | | |
| 14 | | | | | 0.0 | | (13.5-15.0') SAND; medium to coarse, subrounded to subangular; little to some granules, subrounded; little fine sand; trace small to medium pebbles, subangular; poorly sorted; wet; grayish brown (10YR 5/2). |
| 15 | | | | | 0.0 | | |
| 16 | | | 51 | | 0.0 | | (15.0-18.5') SAND; fine to medium, little coarse, subrounded to subangular; trace granules; poorly sorted; wet; grayish brown (10YR 5/2). |
| 17 | | | | | 0.0 | | |
| 18 | | | | | 0.0 | | |
| 19 | | | | | 0.0 | | (18.5-19.8') SAND; fine, trace medium, subrounded; well sorted; wet; grayish brown (10YR 5/2). |
| 20 | | | | | 0.0 | | |

Construction Details / Well:
- 8.0" Flush Mount
- 2.0" dia. SCH-40 PVC Casing (0.0-1.0')
- Cement (1.0-2.0')
- Filter Pack Sand
- (2.0-12.5') Bentonite Pellets
- (12.5-14.0') Choker Sand
- (14.0-23.0') Filter Pack Sand
- (15.0-20.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 10.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 670.6
North Coor: 317934.9
East Coor: 13387512.3

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-76

Sheet: 2 of 2

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 05/04/2017
Date Completed: 05/04/2017

Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 40° F, Rainy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 21 | | | | | | | (19.8-20.0') SILT, little clay, non-plastic, rapid dilatancy; trace very fine to fine sand; wet; dark gray (10YR 4/1). End of boring at 20.0' bgs. | | |
| 22 | | | | | | | | | |
| 23 | | | | | | | | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| 32 | | | | | | | | | |
| 33 | | | | | | | | | |
| 34 | | | | | | | | | |
| 35 | | | | | | | | | |
| 36 | | | | | | | | | |
| 37 | | | | | | | | | |
| 38 | | | | | | | | | |
| 39 | | | | | | | | | |
| 40 | | | | | | | | | |
| 41 | | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-76S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/04/2018
Date Completed: 12/04/2018

Logger: C. O'Neill
Editor: C. O'Neill
Weather Conditions: 30° F, Cloudy/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-8.2') SAND, very fine to medium, subrounded to subangular; trace granules to coarse sand, subrounded to subangular; trace silt; poorly sorted; dry to moist; yellowish brown (10YR 5/4). | 2.0" dia. SCH-40 PVC Casing (0.5-1.5') | |
| 3 | | | | | 0.0 | | | Bentonite Pellets (1.5-15.0') | |
| 4 | | | | | 0.0 | | | Filter Pack Sand | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 34 | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.2-8.4') SAND, medium to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; trace silt; poorly sorted; moist; brown (10YR 5/3). | (4.5-14.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 10 | | | | | 0.0 | | (8.4-10.1') SILT, nonplastic, rapid dilatancy; trace sand, very fine to fine, subrounded to subangular; well sorted; moist to wet; brown (10YR 5/3). Note: Boring appeared wet at 9.0' bgs. | | |
| 11 | | | 39 | | 0.0 | | (10.1-10.4') SAND, medium to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; trace silt; poorly sorted; wet; brown (10YR 5/3). | | |
| 12 | | | | | 0.0 | | (10.4-13.7') SILT, nonplastic, rapid dilatancy; trace sand, very fine to fine, subrounded to subangular; well sorted; wet; brown (10YR 5/3). Note: Clay present from 10.7-10.8' bgs and 13.4-13.6' bgs. | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | (13.7-13.9') SAND, medium to very coarse, subrounded to subangular; and GRANULES to LARGE PEBBLES, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 15 | | | | | | | (13.9-15.0') SAND, fine to coarse, subrounded to subangular; some granules to medium pebbles, subrounded to subangular; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/3). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 670.7
North Coor: 317930.4
East Coor: 13387512.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

Boring No.: MW-77

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 05/05/2017
Logger: A. DeGrandis
Project Number: MI001454
Date Completed: 05/05/2017
Editor: T. Stevens
Project Location: Livonia, MI
Weather Conditions: 40° F, Rainy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 4.3 | | (0.0-0.4') TOPSOIL/GRASS. | 8.0" Flush Mount | |
| 2 | | | | | 4.1 | | (0.4-3.5') SAND; fine to medium, subrounded to subangular; little silt; trace granules, subrounded to subangular; poorly sorted; moist; yellowish brown (10YR 5/4). | 2.0" dia. SCH-40 PVC Casing (0.0-1.0') | |
| 3 | | | 72 | | 5.4 | | | Cement (1.0-1.8') | |
| 4 | | | | | 6.8 | | (3.5-6.5') SAND; fine; some silt; well sorted; moist to wet; grayish brown (10YR 5/2). Note: Boring appeared wet at 4.0' bgs. | Filter Pack Sand (1.8-7.0') | |
| 5 | | | | | 4.6 | | | Bentonite Pellets | |
| 6 | | | | | 2.0 | | | | |
| 7 | | | | | 0.0 | | (6.5-7.5') SAND; medium coarse, subrounded to subangular; some granules, subangular; little fine sand; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 8 | | | 42 | | 0.0 | | (7.5-8.0') SAND; fine; little silt; well sorted; wet; grayish brown (10YR 5/2). | (7.0-8.0') Choker Sand | |
| 9 | | | | | 0.0 | | (8.0-14.0') SAND; fine to medium, some coarse sand, subrounded to subangular; trace granules, poorly sorted; wet; grayish brown (10YR 5/2). | (8.0-15.0') Filter Pack Sand | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | | (9.0-14.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 60 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | (14.0-15.0') CLAY; some silt; high plasticity, slow dilatancy; medium stiff to stiff; moist; dark gray (10YR 4/1). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 661.1
North Coor: 318655.1
East Coor: 13388742.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-77S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 11/28/2018
Date Completed: 11/28/2018
Logger: C. O'Neill
Editor: C. O'Neill
Weather Conditions: 28° F, Cloudy/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, medium to very coarse, subrounded to subangular; some granules to small pebbles, subrounded to subangular; little large pebbles, subrounded to subangular; poorly sorted; dry; dark brown (10YR 3/3). Note: Little organic matter, roots from 0.3-1.4' bgs. | | |
| 3 | | | | | 0.0 | | (1.0-2.0') SAND, fine to coarse, subrounded to subangular; trace silt; well sorted; dry; brownish yellow (10YR 6/8). | | |
| 4 | | | | | 0.0 | | (2.0-5.0') SAND, very fine to medium, subrounded; little silt; well sorted; dry to wet; yellowish brown (10YR 5/6). Note: Boring appeared moist at 4.5' bgs, Boring appeared wet at 5.0' bgs. | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 42 | | 0.0 | | (5.0-7.5') SAND, very fine to fine, subrounded; and SILT; well sorted; wet; yellowish brown (10YR 5/6). | (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | (7.5-11.0') SAND, fine to very coarse, subrounded to subangular; and SILT; poorly sorted; wet; yellowish brown (10YR 5/6). Note: Granules, subrounded to subangular, present from 7.8-9.0' bgs. | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | 28 | | 0.0 | | (11.0-13.0') SAND, fine to coarse, subrounded to subangular; and SILT; poorly sorted; wet; yellowish brown (10YR 5/6). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | (13.0-14.0') SILT, low to medium plasticity, high dilatancy; some clay; well sorted; wet; gray (10YR 5/1). | | |
| 14 | | | | | 0.0 | | (14.0-15.0') CLAY, medium to high plasticity, no dilatancy; trace silt; well sorted; moist; soft; gray (10YR 5/1). | | |
| 15 | | | | | | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 661.2
North Coor: 318658.0
East Coor: 13388740.0

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-78

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 05/10/2017
Date Completed: 05/10/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 50° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description |
|---|---|---|---|---|---|---|---|
| 1 | | | 72 | | 3.7 | | (0.0-0.4') TOPSOIL/GRASS. |
| | | | | | 1.6 | | (0.4-1.0') SAND; fine to medium, subrounded to subangular; little granules to small pebbles, subrounded; trace silt; poorly sorted; moist; very dark grayish brown (10YR 3/2). |
| 2 | | | | | | | (1.0-3.0') SAND; fine; little silt; trace granules, subrounded; poorly sorted; moist to wet; brown (10YR 5/3). |
| 3 | | | | | 0.9 | | Note: Boring appeared wet at 2.5' bgs. |
| 4 | | | | | 0.3 | | (3.0-4.5') SAND; fine to medium, subrounded to subangular; some granules to small pebbles, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). |
| 5 | | | | | 0.0 | | (4.5-9.0') SAND; fine to medium, subrounded to subangular; little coarse sand, subrounded to subangular; well sorted; wet; brown (10YR 5/3). |
| 6 | | | | | 0.0 | | Note: Transition to gray (10YR 5/1) at 6.0 bgs. |
| 7 | | | 48 | | 0.0 | | |
| 8 | | | | | 0.0 | | |
| 9 | | | | | 0.0 | | |
| 10 | | | | | 0.0 | | (9.0-15.0') SILT; and CLAY; low to medium plasticity, slow dilatancy; stiff; moist; gray (10YR 5/1). |
| 11 | | | | | 0.0 | | Note: Rapid dilatancy from 10.0-10.8' bgs. |
| 12 | | | | | 0.0 | | |
| 13 | | | 47 | | 0.0 | | |
| 14 | | | | | 0.0 | | |
| 15 | | | | | 0.0 | | |
| 16 | | | | | | | End of boring at 15.0' bgs. |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

Construction Details / Well:
- 8.0" Flush Mount
- 2.0" dia. SCH-40 PVC Casing (0.0-1.0')
- Cement (1.0-5.0')
- Bentonite Pellets
- (5.0-6.1') Choker Sand
- (6.1-15.0') Filter Pack Sand
- (7.0-12.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 2.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 657.8
North Coor: 319344.0
East Coor: 13388899.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-78S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 11/29/2018
Date Completed: 11/29/2018
Logger: C. O'Neill
Editor: C. O'Neill
Weather Conditions: 26° F, Cloudy/Rainy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 42 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, fine to coarse, subrounded to subangular; some small to medium pebbles, subrounded to subangular; trace silt; poorly sorted; dry; dark brown (10YR 3/3). | | |
| 3 | | | | | 0.0 | | (1.0-2.0') SAND, fine to coarse, subrounded to subangular; trace silt; poorly sorted; dry to moist; dark yellowish brown (10YR 4/6). | | |
| 4 | | | 10 | GP | 0.0 | | (2.0-5.0') SAND, fine to very coarse, subrounded to subangular; and GRANULES to LARGE PEBBLES, subrounded to subangular; trace silt; moist to wet; dark grayish brown (10YR 4/2). Note: Boring appeared wet at 3.5' bgs. | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 50 | | 0.0 | | (5.0-9.6') SAND, fine to very coarse, subrounded to subangular; trace granules to small pebbles, subrounded to subangular; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.6-9.8') SILT, nonplastic, high dilatancy; some sand, fine to medium, subrounded to subangular; trace clay; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 11 | | | 54 | | 0.0 | | (9.8-15.0') CLAY, medium to high plasticity, no dilatancy; poorly sorted; moist to wet; soft to medium stiff; grayish brown (10YR 4/2). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 657.9
North Coor: 319344.4
East Coor: 13388904.1

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICEDATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-79D

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 05/11/2017
Date Completed: 05/11/2017
Weather Conditions: 50° F, Overcast

Logger: A. DeGrandis
Editor: T. Stevens

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 72 | | 0.2 | | (0.0-0.4') TOPSOIL/GRASS. | 8.0" Flush Mount | |
| 2 | | | | | 0.2 | | (0.4-8.0') SAND; fine; little silt; trace granules, subrounded; well sorted; moist to wet; brown (10YR 5/3). | 2.0" dia. SCH-40 PVC Casing (0.0-1.0') | |
| 3 | | | | | 0.3 | | | Cement (1.0-2.0') | |
| 4 | | | | | 0.3 | | | Filter Pack Sand | |
| 5 | | | | | 0.3 | | | (2.0-7.8') Bentonite Pellets | |
| 6 | | | | | 0.2 | | Note: Boring appeared wet at 5.5' bgs. | | |
| 7 | | | 48 | | 0.0 | | Note: Color change to grayish brown (10YR 5/2) at 6.0' bgs. | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.0-12.0') SAND; medium to coarse, subrounded to subangular; little fine sand; little granules to small pebbles, subrounded to subangular; poorly sorted; wet; gray brown (10YR 5/2). | (7.8-8.9') Choker Sand | |
| 10 | | | | | 0.0 | | Note: Color change to gray (10YR 5/1) at 9.5' bgs. | (8.9-18.0') Filter Pack Sand | |
| 11 | | | 55 | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | (12.0-14.5') SAND; fine; little medium sand, subrounded; well sorted; wet; gray (10YR 5/1). | (10.0-15.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | (14.5-15.0') SILT; non plastic, rapid dilatancy; trace clay; wet; gray (10YR 5/1). | | |
| 16 | | | 36 | | 0.0 | | (15.0-16.0') CLAY; high plasticity, no dilatancy; little to some silt; stiff to medium stiff mosit; gray (10YR 5/1). | | |
| 17 | | | | | 0.0 | | (16.0-16.5') SILT; non plastic, rapid dilatancy; trace clay; wet; gray (10YR 5/1). | | |
| 18 | | | | | 0.0 | | (16.5-18.0') CLAY; high plasticity, no dilatancy; little to some silt; stiff; moist; gray (10YR 5/1). | | |
| 19 | | | | | | | End of boring at 18.0' bgs. | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.9
North Coor: 319605.9
East Coor: 13388297.5

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-79S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 05/11/2017
Date Completed: 05/11/2017
Weather Conditions: 50° F, Overcast

Logger: A. DeGrandis
Editor: T. Stevens

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 72 | | 0.0 | | (0.0-0.4') TOPSOIL/GRASS. | 8.0" Flush Mount | |
| 2 | | | | | 0.0 | | (0.4-8.5') SAND; fine; little silt; trace granules, subrounded; well sorted; moist to wet; brown (10YR 5/3). | 2.0" dia. SCH-40 PVC Casing (0.0-1.0') | |
| 3 | | | | | 0.0 | | | Cement (1.0-2.0') | |
| 4 | | | | | 0.0 | | | Filter Pack Sand (2.0-3.0') | |
| 5 | | | | | 0.0 | | | Bentonite Pellets (3.0-4.0') | |
| 6 | | | | | 0.0 | | Note: Boring appeared wet at 5.5' bgs. | Choker Sand (4.0-10.0') | |
| 7 | | | 48 | GP | 0.0 | | Note: Color change to grayish brown (10YR 5/2) at 6.5' bgs. | Filter Pack Sand (5.0-10.0') | |
| 8 | | | | | 0.0 | | | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (8.0-10.0') SAND; medium to coarse, subrounded to subangular; little fine sand; little granules to small pebbles, subrounded to subangular; poorly sorted; wet; gray brown (10YR 5/2). | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.7
North Coor: 319601.2
East Coor: 13388299.2

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-79SR

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/03/2018
Date Completed: 12/03/2018
Logger: C. O'Neill
Editor: C. O'Neill
Weather Conditions: 36° F, Cloudy/Light Snow

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand | |
| 2 | | | | | 0.0 | | (0.3-5.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; trace silt; poorly sorted; dry to moist; dark yellowish brown (10YR 4/6) to yellowish brown (10YR 5/4). Note: Little organic matter, roots. | | |
| 3 | | | 60 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | Note: Boring appeared wet at ~3.5' bgs. | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | (5.0-6.2') SAND, very fine to medium, subrounded to subangular; some silt; trace granules; poorly sorted; wet; brown (10YR 5/3). | | |
| 7 | | | | | 0.0 | | (6.2-7.3') SAND, fine to coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; trace silt; wet; grayish brown (10YR 5/2). | (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | 43 | | 0.0 | | (7.3-11.0') SAND, medium to very coarse, subrounded to subangular; and GRANULES to MEDIUM PEBBLES, subrounded to subangular; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | (11.0-13.9') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 13 | | | 48 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | (13.9-14.3') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine, subrounded to subangular; well sorted; wet; dark grayish brown (10YR 4/2). | | |
| 16 | | | | | | | (14.3-14.4') SAND, medium to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; trace silt; wet; dark grayish brown (10YR 4/2). | | |
| 17 | | | | | | | (14.4-15.0') CLAY, medium to high plasticity, slow dilatancy; trace silt; well sorted; moist; medium stiff; dark grayish brown (10YR 4/2). | | |
| 18 | | | | | | | End of boring at 15.0' bgs. | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.6
North Coor: 319596.5
East Coor: 13388300.8

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-80S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 05/10/2017
Date Completed: 05/10/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 40° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description |
|---|---|---|---|---|---|---|---|
| 1 | | | 72 | | 0.0 | | (0.0-0.4') TOPSOIL/GRASS. |
| | | | | | 0.0 | | (0.5-1.0') SAND, fine, subrounded; trace granules; little silt; poorly sorted; dry to moist; very dark grayish brown (10YR 3/2). |
| 2 | | | | | | | |
| 3 | | | | | 0.0 | | (2.0-4.0') SAND, fine, some medium, subrounded; little silt; poorly sorted; moist to wet; brown (10YR 5/3). |
| | | | | | 1.8 | | |
| 4 | | | | | | | |
| 5 | | | | | 0.7 | | (4.0-7.5') SAND; fine to medium, little coarse; little granules to small pebbles, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). NOTE: Boring appeared wet at 4.0' bgs. |
| | | | | | 0.6 | | |
| 6 | | | | | | | |
| 7 | | | 48 | | 0.0 | | |
| | | | | | 0.0 | | (7.5-9.0') SAND, fine; little silt; trace clay; poorly sorted; wet; gray (10YR 5/1). |
| 8 | | | | | | | |
| 9 | | | | | 0.0 | | |
| 10 | | | | | 0.0 | | (9.0-10.0') SILT, little clay, rapid dilatancy, non plastic; trace very fine to fine sand; wet; gray (10YR 5/1). |
| 11 | | | 55 | | 0.0 | | (10.0-18.0') CLAY, some silt, medium to high plasticity, no to slow dilatancy; trace granules; medium stiff to stiff; moist; gray 10YR (5/1). |
| | | | | | 0.0 | | |
| 12 | | | | | | | |
| 13 | | | | | 0.0 | | |
| | | | | | 0.0 | | |
| 14 | | | | | | | |
| 15 | | | | | 0.0 | | |
| 16 | | | 36 | | 0.0 | | |
| | | | | | 0.0 | | |
| 17 | | | | | | | |
| 18 | | | | | 0.0 | | |
| 19 | | | | | | | End of boring at 18.0' bgs. |
| 20 | | | | | | | |

Construction Details / Well:
- 8.0" Flush Mount
- 2.0" dia. SCH-40 PVC Casing (0.0-1.0')
- Cement (1.0-2.0')
- Filter Pack Sand (2.0-5.0')
- Bentonite Pellets (5.0-5.9')
- Choker Sand (5.9-18.0')
- Filter Pack Sand
- (7.0-12.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 656.6
North Coor: 319653.3
East Coor: 13389143.9

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-80SR

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/03/2018
Date Completed: 12/03/2018
Logger: C. O'Neill
Editor: C. O'Neill
Weather Conditions: 34° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, fine to coarse, subrounded to subangular; trace small to large pebbles, subrounded to subangular; poorly sorted; dry; dark brown (10YR 3/3). Note: Roots present. | | |
| 3 | | | | | 0.0 | | (1.0-2.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; moist; brown (10YR 5/3). | | |
| 4 | | | | | 0.0 | | (2.0-3.0') CLAY, medium to high plasticity, no dilatancy; trace sand; well sorted; moist; medium stiff to soft; brown (10YR 5/3). | | |
| 5 | | | | | 0.0 | | (3.0-5.8') SAND, fine to coarse, subrounded to subangular; and GRANULES, subrounded to subangular; trace silt; poorly sorted; wet; brown (10YR 5/3). Note: Boring appeared wet at 4.0' bgs. | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | 54 | | 0.0 | | (5.8-7.0') SAND, medium to very coarse, subrounded to subangular; and GRANULES to MEDIUM PEBBLES, subrounded to subangular; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/2). | (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | | | 0.0 | | (7.0-8.1') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine, subrounded to subangular; well sorted; wet; dark grayish brown (10YR 4/2). | | |
| 9 | | | | | 0.0 | | (8.1-8.2') CLAY, medium to high plasticity, no dilatancy; trace silt; well sorted; moist to wet; soft; dark grayish brown (10YR 4/2). | | |
| 10 | | | | | 0.0 | | (8.2-10.4') SILT, nonplastic to low plasticity, rapid dilatancy; some clay; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 11 | | | 47 | | 0.0 | | (10.4-15.0') CLAY, medium to high plasticity, slow to no dilatancy; trace silt; well sorted; moist; medium stiff; dark grayish brown (10YR 4/2). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 656.6
North Coor: 319650.0
East Coor: 13389144.3

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-81

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 05/08/2017
Date Completed: 05/08/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 50° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 72 | | 0.5 | | (0.0-0.5') TOPSOIL/GRASS. | 8.0" Flush Mount 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-2.3') Filter Pack Sand (2.3-6.1') Bentonite Pellets | |
| 2 | | | | | 0.8 | | (0.5-1.0') SAND; fine to medium, subrounded to subangular; trace coarse sand, subrounded; trace silt; poorly sorted; moist; brown (10YR 4/3). | | |
| 3 | | | | | 0.9 | | (1.0-4.0') CLAY; high plasticity, no dilatancy; little silt; medium stiff to soft; moist; brown (10YR 4/3). | | |
| 4 | | | | | 0.9 | | | | |
| 5 | | | | | 0.4 | | (4.0-6.0') SAND; fine to medium, subrounded to subangular; some clay; trace granules, subangular; poorly sorted; wet; brown (10YR 4/3). Note: Boring appeared wet at 4.0' bgs. | | |
| 6 | | | | | 0.2 | | | | |
| 7 | | | 44 | | 0.0 | | (6.0-13.0') SAND; fine to medium, subrounded to subangular; trace granules to small pebbles, subangular; trace clay; poorly sorted; wet; dark grayish brown (10YR 4/2). | (6.1-7.3) Choker Sand (7.3-14.0') Filter Pack Sand | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | (8.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 11 | | | 30 | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | (13.0-14.0') CLAY; little silt; high plasticity, no to slow dilatancy; stiff; moist; gray (10YR 5/1). | | |
| 15 | | | | | | | End of boring at 14.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 658.0
North Coor: 319358.2
East Coor: 13389730.2

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-81S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/04/2018
Date Completed: 12/04/2018
Logger: J. Barker
Editor: C. O'Neill
Weather Conditions: 20° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.2 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| | | | | | 0.4 | | (0.5-2.0') SAND, fine; some silt; trace clay; well sorted; dry; very loose; dark yellowish brown (10YR 4/4). | | |
| 2 | | | | | | | | | |
| 3 | | | 60 | | 0.3 | | (2.0-5.0') CLAY, medium plasticity, no dilatancy; trace sand; medium stiff; dry; dark yellowish brown (10YR 4/4). | | |
| 4 | | | | | 0.3 | | | | |
| 5 | | | | | 0.6 | | | | |
| 6 | | | | | 0.3 | | (5.0-12.0') SAND, fine to medium; little silt; trace clay; well sorted; wet; loose; yellowish brown (10YR 5/4). Note: With 2-4" layers consisting of CLAY, medium plasticity, no dilatancy; moist; soft; yellowish brown (10YR 5/4). | | |
| 7 | | | | | | | | | |
| 8 | | | 30 | | | | | | |
| 9 | | | | | 0.7 | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | 0.1 | | | | |
| | | | | | 0.4 | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | 0.7 | | (12.0-12.5') CLAY, medium plasticity, no dilatancy; moist; soft; gray (10YR 5/1). | | |
| | | | | | | | (12.5-13.5') SAND, fine to medium; trace silt; trace clay; well sorted; wet; very loose; grayish brown (10YR 5/2). | | |
| 14 | | | | | | | (13.5-15.0') CLAY, medium plasticity, no dilatancy; moist; soft; gray (10YR 5/1). | | |
| 15 | | | | | 0.3 | | | | |
| | | | | | | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Dakota
Driller: Al Smith
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 658.0
North Coor: 319354.0
East Coor: 13389729.8

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-82D

Sheet: 1 of 2

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 05/09/2017
Date Completed: 05/09/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 40° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 72 | | 0.5 | | (0.0-0.5') TOPSOIL/GRASS. | 8.0" Flush Mount 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-2.1') Filter Pack Sand | |
| 2 | | | | | 1.6 | | (0.5-8.0') SAND; fine to medium, subrounded to subangular; and CLAY, medium plasticity, no to slow dilatancy; poorly sorted; moist; dark grayish brown (10YR 4/2). | | |
| 3 | | | | | 2.1 | | | | |
| 4 | | | | | 1.7 | | | | |
| 5 | | | | | 1.5 | | | | |
| 6 | | | | | 2.1 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 48 | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.0-9.0') SAND; fine to medium, subrounded to subangular; trace clay; trace granules, subrounded; poorly sorted; wet; dark grayish brown (10YR 4/2). Note: Boring appeared wet at 8.0' bgs. | (2.1-16.0') Bentonite Pellets | |
| 10 | | | | | 0.0 | | (9.0-12.0') CLAY, little silt, high plasticity, no to slow dilatancy; trace granules, medium stiff; moist; dark gray (10YR 4/1). | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 50 | | 0.0 | | (12.0-14.0') SAND; some silt; trace granules, subrounded; poorly sorted; moist to wet; black (10YR 2/1). Note: Roots and peat at 12.0' bgs. | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | (14.0-17.0') CLAY, little silt, high plasticity, no to slow dilatancy; trace granules; medium stiff; moist; dark gray (10YR 4/1). | | |
| 16 | | | | | 0.0 | | | | |
| 17 | | | | | 0.0 | | | (16.0-17.0') Choker sand (17.0-23.0') Filter Pack Sand | |
| 18 | | | 60 | | 0.0 | | (17.0-19.8') SAND; fine to medium, little granules, subrounded to subangular; little to some silt; trace clay; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 19 | | | | | 0.0 | | | | |
| 20 | | | | | 0.0 | | Note: Black top/rubber material and slight odor at 19.5' | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.0
North Coor: 319637.2
East Coor: 13389782.9

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

Boring No.: MW-82D

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 05/09/2017
Logger: A. DeGrandis
Project Number: MI001454
Date Completed: 05/09/2017
Editor: T. Stevens
Project Location: Livonia, MI
Weather Conditions: 40° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 21 | | | | | 0.0 | | bgs.<br>(19.8-22.8') PEBBLES; small, some granules, subrounded to subangular; well sorted; wet. | (18.0-23.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 22 | | | 22 | | 0.0 | | | | |
| 23 | | | | | 0.0 | | (22.8-23.0') CLAY; high plasticity, no to slow dilatancy; little granules, subrounded to subangular; soft; moist; gray (10YR 5/1).<br>End of boring at 23.0' bgs. | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| 32 | | | | | | | | | |
| 33 | | | | | | | | | |
| 34 | | | | | | | | | |
| 35 | | | | | | | | | |
| 36 | | | | | | | | | |
| 37 | | | | | | | | | |
| 38 | | | | | | | | | |
| 39 | | | | | | | | | |
| 40 | | | | | | | | | |
| 41 | | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV\-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-82S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 05/09/2017
Date Completed: 05/09/2017
Weather Conditions: 40° F, Sunny

Logger: A. DeGrandis
Editor: T. Stevens

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.5') TOPSOIL/GRASS. | 8.0" Flush Mount 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-2.2') Filter Pack Sand (2.2-6.7') Bentonite Pellets | |
| 2 | | | | | 0.7 | | (0.5-7.0') SAND; fine to medium, subrounded to subangular; and CLAY, medium plasticity, no to slow dilatancy; poorly sorted; moist; dark grayish brown (10YR 4/2). | | |
| 3 | | | 72 | | 0.6 | | | | |
| 4 | | | | | 0.6 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 41 | | 0.0 | | (7.0-9.5') CLAY, little silt; high plasticity, no dilatancy; trace granules, subrounded; medium stiff to stiff; moist; dark gray (10YR 4/1). | (6.7-7.8') Choker Sand (7.8-15.0') Filter Pack Sand | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.5-11.5') SAND, fine to medium, little granules to small pebbles, subrounded to subangular; little silt; poorly sorted; moist to wet; dark grayish brown (10YR 4/2). Note: Boring appeared wet at 9.5' bgs. | | |
| 11 | | | | | 0.0 | | | (9.0-14.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 12 | | | | | 0.0 | | (11.5-13.0') SAND, fine; some silt; trace granules, subrounded to subangular; poorly sorted; moist; gray (10YR 5/1). | | |
| 13 | | | 60 | | 0.1 | | | | |
| 14 | | | | | 0.0 | | (13.0-15.0') CLAY, little silt, high plasticity, no dilatancy; trace granules, subrounded to subangular, stiff; moist; gray (10YR 5/1). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.1
North Coor: 319632.8
East Coor: 13389782.3

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-82SR

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/04/2018
Date Completed: 12/04/2018
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 32° F, Mostly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description |
|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, very fine; and SILT, nonplastic, rapid dilatancy; some pebbles, subrounded to subangular; some cobbles, subrounded to subangular; dry; soft; very dark grayish brown (10YR 3/2). |
| 3 | | | | | 0.0 | | (1.0-4.0') SAND, very fine; some silt, low plasticity, slow dilatancy; some clay; trace pebbles, subrounded to subangular; trace cobbles, subrounded to subangular; dry; medium stiff to stiff; dark grayish brown (10YR 3/2). |
| 4 | | | | | 0.0 | | |
| 5 | | | | | 0.0 | | (4.0-5.0') CLAY, high plasticity, no dilatancy; dry; stiff; dark gray (5YR 4/1). |
| 6 | | | 45 | | 0.0 | | (5.0-10.0') CLAY, medium plasticity, no dilatancy; dry; stiff; very dark grayish brown (10YR 3/2); and SAND, fine; and SILT, low plasticity, slow dilatancy; dry; medium stiff to stiff; dark yellowish brown (10YR 4/4). Note: Interbedded clay and sandy silt, with all beds 2.0-7.0" thick. |
| 7 | | | | | 0.0 | | |
| 8 | | | | | 0.0 | | |
| 9 | | | | | 0.0 | | |
| 10 | | | | | 0.0 | | |
| 11 | | | | | 0.0 | | (10.0-11.1') SAND, very fine; and SILT, low plasticity, slow dilatancy; some clay; wet; soft; yellowish brown (10YR 4/4). |
| 12 | | | | | 0.0 | | (11.1-13.6') SAND, very fine to fine; and SILT, nonplastic, rapid dilatancy; wet; medium stiff; dark yellowish brown (10YR 4/4). |
| 13 | | | | | 0.0 | | |
| 14 | | | | | 0.0 | | (13.6-15.0') SILT, low plasticity, slow dilatancy; and CLAY; wet; soft to medium stiff; dark gray (5YR 4/1). |
| 15 | | | | | 0.0 | | |
| 16 | | | 0 | GP | 0.0 | | (15.0-16.0') NO RECOVERY. |
| 17 | | | | | | | End of boring at 16.0' bgs. |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

Construction Details: 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-16.0') Filter Pack Sand; (5.0-15.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen

Well

Drilling Co.: Dakota
Driller: Andy Kirsch
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 10.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.3
North Coor: 319629.1
East Coor: 13389781.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICEDATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-83

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 05/08/2017
Date Completed: 05/08/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 50° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 72 | | 0.6 | | (0.0-0.5') TOPSOIL/GRASS. | 8.0" Flush Mount | |
| | | | | | 1.4 | | (0.5-7.0') SAND; fine to medium, subrounded to subangular; trace granules to small pebbles, subrounded to subangular; well sorted; moist; yellowish brown (10YR 5/4). | 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-2.0') Filter Pack Sand (2.3-6.0') Bentonite Pellets | |
| 2 | | | | | 1.5 | | | | |
| 3 | | | | | 1.2 | | | | |
| 4 | | | | | 1.2 | | | | |
| 5 | | | | | 1.7 | | | | |
| 6 | | | | | 0.0 | | Note: Boring appeared wet at 6.0' bgs. | (6.0-6.9') Choker Sand (6.9-15.0') Filter Pack Sand | |
| 7 | | | 45 | | 0.0 | | (7.0-9.8') SAND; fine;trace granules to small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; yellowish brown (10YR 5/4). | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.8-13.0') SAND; fine to medium, subrounded to subangular; little coarse sand, subrounded to subangular; trace granules to small pebbles, subrounded; poorly sorted; wet; dark grayish brown (10YR 4/2). | (8.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 11 | | | 55 | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | Note: Color change to dark gray (10YR 4/1) at 12.5' bgs. | | |
| 14 | | | | | 0.0 | | (13.0-15.0') CLAY; little silt; medium to high plasticity, no dilatancy; stiff; moist; gray (10YR 5/1). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 660.6
North Coor: 319902.6
East Coor: 13389839.2

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-83S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/06/2018
Date Completed: 12/06/2018
Weather Conditions: 30° F, Cloudy/Snow/Windy

Logger: C. O'Neill
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand (3.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, fine to medium, subrounded to subangular; some clay, low plasticity, no dilatancy; trace small to medium pebbles, subrounded to subangular; poorly sorted; dry; brown (10YR 4/3). | | |
| 3 | | | | | 0.0 | | (1.0-7.5') SAND, very fine to medium, subrounded to subangular; trace small to medium pebbles, subrounded to subangular; trace silt; poorly sorted; dry to moist; medium stiff to stiff; yellowish brown (10YR 5/6). | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 32 | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | (7.5-10.0') SILT, nonplastic, rapid dilatancy; some sand, very fine to medium, subrounded to subangular; trace granules, subrounded to subangular; poorly sorted; wet; yellowish brown (10YR 5/6). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | 36 | | 0.0 | | (10.0-12.5') SAND, fine to very coarse, subrounded to subangular; some granules to small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; brown (10YR 5/3). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | (12.5-13.0') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; trace silt; poorly sorted; wet; soft; grayish brown (10YR 5/2). | | |
| 14 | | | | | 0.0 | | (13.0-15.0') CLAY, medium to high plasticity, no dilatancy; trace silt; well sorted; moist; medium stiff to soft; gray (10YR 5/1). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 660.6
North Coor: 319909.8
East Coor: 13389840.8

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICEDATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-84

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 05/16/2017
Date Completed: 05/16/2017

Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 70° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 72 | | 0.0 | | (0.0-0.4') TOPSOIL/GRASS. | 8.0" Flush Mount 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-2.0') Filter Pack Sand (2.0-5.8') Bentonite Pellets | |
| 2 | | | | | 0.0 | | (0.4-6.5') SAND; fine to medium, subrounded to subangular; trace to little silt; well sorted; moist ot wet; brown (10YR 5/3). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | Note: Boring appeared wet at 5.5' bgs. | | |
| 7 | | | 45 | | 0.0 | | (6.5-13.0') SAND; fine to medium, subrounded to subangular; little to some coarse sand to granules, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | (5.8-7.0') Choker Sand (7.0-13.0') Filter Pack Sand | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | Note: Transition to gray (10YR 5/1) at 9.0' bgs, | (8.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 11 | | | 36 | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | End or boring at 13.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.2
North Coor: 319301.6
East Coor: 13388222.9

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-84S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 11/30/2018
Date Completed: 11/30/2018
Weather Conditions: 30° F, Cloudy/Light Snow

Logger: C. O'Neill
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand | |
| 2 | | | | | 0.0 | | (0.3-0.8') SAND, fine to medium, subrounded to subangular; some small to medium pebbles, subrounded to subangular; trace silt; poorly sorted; dry; dark brown (10YR 3/3). | | |
| 3 | | | | | 0.0 | | (0.8-4.0') SAND, fine to medium, subrounded to subangular; trace silt; well sorted; dry to moist; yellowish brown (10YR 5/6). | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | (4.0-6.4') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine, subrounded to subangular; well sorted; wet; dark yellowish brown (10YR 4/6). | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | 48 | | 0.0 | | (6.4-9.0') SAND, medium to very coarse, subrounded to subangular; and GRANULES to MEDIUM PEBBLES, subrounded to subangular; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/2). | (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.0-13.5') SAND, fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 47 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | (13.5-14.7') SAND, fine to coarse, subrounded to subangular; some silt; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 15 | | | | | 0.0 | | (14.7-15.0') SILT, nonplastic to low plasticity, rapid dilatancy; some clay; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.2
North Coor: 319301.5
East Coor: 13388219.7

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-85

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 05/11/2017
Date Completed: 05/11/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 50° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 72 | | 0.0 | | (0.0-0.4') TOPSOIL/GRASS. | 8.0" Flush Mount 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-2.0') Filter Pack Sand (2.0-6.1') Bentonite Pellets | |
| 2 | | | | | 0.0 | | (0.4-4.5') SAND; fine to medium; little granules, subrounded to subangular; trace silt; poorly sorted; moist; grayish brown (10YR 5/2). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | (4.5-6.5') SAND; medium to coarse, little fine, little to some granules to small pebbles, subrounded to subangular; poorly sorted; moist to wet; grayish brown (10YR 5/2). Note: Boring appeared wet at 5.5' bgs. | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | 45 | | 0.0 | | (6.5-11.5') SAND; fine to medium, little coarse to granules, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). Note: Color change to gray (10YR5/2) starting at 7.5' bgs. | (6.1-7.0') Choker Sand (7.0-13.0') Filter Pack Sand | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | Note: Color change to dark gray (10YR 4/1) from 9.0-9.5' bgs. | (8.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 11 | | | 60 | | 0.0 | | | | |
| 12 | | | | | 0.0 | | (11.5-12.0') CLAY; some silt; high plasticity; slow dilatancy; medium stiff; moist; dark gray (10YR 4/1). | | |
| 13 | | | | | 0.0 | | (12.0-13.0') SILT; and SAND, very fine to fine; wet; dark gray (10YR 4/1). | | |
| 14 | | | | | 0.0 | | (13.0-15.0') CLAY; little silt; high plasticity, no dilatancy; stiff; moist; dark gray (10YR 4/1). | (13.0-15.0') Natural collapse | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.6
North Coor: 320058.3
East Coor: 13388868.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-85S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/04/2018
Date Completed: 12/04/2018
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 28° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL; brown (10YR 4/3). Note: Little organics, grass. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, very fine to fine; some silt, nonplastic, rapid dilatancy; dry; very soft; brown (10YR 4/3). | | |
| 3 | | | | | 0.0 | | (1.0-4.0') SAND, fine to medium, subrounded to rounded; little cobbles, angular to subangular; well sorted; dry; very soft; brown (10YR 5/3). | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | (4.0-5.3') SAND, very fine to fine; and SILT, rapid dilatancy; little cobbles, angular to subangular; little pebbles; moist; soft; yellowish brown (10YR 5/4). | | |
| 6 | | | | | 0.0 | | (5.3-6.6') SAND, very fine to coarse; some silt; little pebbles, angular to subangular; poorly sorted; wet; medium stiff; grayish brown (10YR 5/2). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 34 | | 0.0 | | (6.6-10.3') SAND, very fine to coarse, subrounded to subangular; trace pebbles, angular to subangular; poorly sorted; moist; medium stiff; dark gray (5YR 4/1). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | (10.3-10.8') SAND, very fine; and SILT, nonplastic, rapid dilatancy; moist; dark gray (5YR 4/1). | | |
| 12 | | | | | 0.0 | | (10.8-11.6') SILT, medium plasticity, slow dilatancy; and CLAY; wet; stiff; dark gray (10YR 4/1). | | |
| 13 | | | 36 | | 0.0 | | (11.6-15.0') CLAY, high plasticity, no dilatancy; dry; stiff to very stiff; dark gray (10YR 4/1). | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NR
North Coor:
East Coor:

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-85SR

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 04/05/2019
Date Completed: 04/05/2019
Logger: S. Johnson
Editor: S. Johnson
Weather Conditions: 39° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, fine, subrounded to subangular; trace small pebble, subrounded to subangular; well sorted; dry; loose; yellowish brown (10 YR 4/4). | | |
| 3 | | | | | 0.0 | | (1.0-3.0') SAND, fine to medium, subrounded to subangular; some granules, subrounded to subangular; trace small pebble, subrounded to subangular; poorly sorted; dry; loose; grayish brown (10 YR 5/2). | 8.0" Flush Mount (0.5-4.5') Bentonite Pellets | |
| 4 | | | | | 0.0 | | (3.0-6.3') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; some small pebble, subrounded to subangular; trace medium pebble, subrounded to subangular; poorly sorted; moist; loose; dark grayish brown (10 YR 4/2). | | |
| 5 | | | | | 0.0 | | | (4.5-10.0') Filter Pack Sand | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | 60 | | 0.0 | | (6.3-8.6') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; trace small pebble, subrounded to subangular; well sorted; moist; loose; dark grayish brown (10 YR 4/2). Note: Boring appeared wet at 6.5' bgs | (5.5-9.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (8.6-10.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; moist; loose; dark grayish brown (10 YR 4/2). | | |
| 11 | | | | | | | End of boring at 10.0' bgs | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.3
North Coor: 320057.2
East Coor: 13388881.2

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-86

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 05/15/2017
Date Completed: 05/15/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 60° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.1 | | (0.0-0.4') TOPSOIL/GRASS. | 8.0" Flush Mount 2.0" dia. SCH-40 PVC Casing (0.0-1.4') Cement (1.4-2.4') Filter Pack Sand | |
| 2 | | | | | 0.0 | | (0.4-10.5') SAND; fine to medium, subrounded to subangular; trace granules, subangular; well sorted; moist to wet; dark yellowish brown (10YR 4/6). | | |
| 3 | | | 72 | | 0.5 | | | | |
| 4 | | | | | 1.2 | | | | |
| 5 | | | | | 1.4 | | | | |
| 6 | | | | | 0.7 | | | | |
| 7 | | | | | 0.3 | | | (2.4-9.9') Bentonite Pellets | |
| 8 | | | 48 | | 0.1 | | Note: Boring appeared wet at 7.0' bgs. Note: Silt seam at 7.8' bgs. Note: Transition to gray brown (10YR 5/2) at 8.0 bgs. | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | Note: Silt seam at 9.7' bgs. | | |
| 11 | | | | | 0.0 | | (10.5-15.0') SAND; fine to medium, subrounded to subangular; some coarse sand, subrounded; little granules to small pebbles, subangular to subrounded; poorly sorted; wet; gray (10YR 5/1). | (9.9-11.0') Choker Sand (11.0-18.0') Filter Pack Sand | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 51 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | (12.0-17.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | 0.0 | | (15.0-17.0') SAND; medium to coarse; subrounded to subangular; some granules to small pebbles, subrounded to subangular; poorly sorted; wet; dark gray (10YR 4/1). | | |
| 17 | | | 36 | | 0.0 | | | | |
| 18 | | | | | 0.0 | | (17.0-18.0') SILT; little to some clay; low to no plasticity; rapid dilatancy; wet; dark gray (10YR 4/1). | | |
| 19 | | | | | | | End of boring at 18.0' bgs. | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 666.7
North Coor: 318835.7
East Coor: 13388193.4

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# Soil Boring Log

Boring No.: MW-86S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 11/29/2018
Date Completed: 11/29/2018

Logger: C. O'Neill
Editor: C. O'Neill
Weather Conditions: 26° F, Cloudy/Light Snow

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand | |
| 2 | | | | | 0.0 | | (0.3-6.2') SAND, fine to coarse, subrounded to subangular; trace silt; well sorted; dry to wet; dark brown (10YR 3/3). Note: Little organic matter, roots from 0.3-1.0' bgs. Note: Dark yellowish brown (10YR 4/6) from 1.0-2.0' bgs. | | |
| 3 | | | | | 0.0 | | Note: Yellowish brown (10YR 5/4) from 2.0-6.2' bgs. | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 45 | | 0.0 | | Note: Boring appeared wet at 5.5' bgs. | (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | (6.2-7.0') SAND, fine to medium, subrounded to subangular; some silt; nonplastic, high dilatancy; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 8 | | | | | 0.0 | | (7.0-10.1') SILT, nonplastic, rapid dilatancy; some sand, fine to medium, subrounded to subangular; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | 38 | | 0.0 | | (10.1-12.0') SAND, fine to very coarse, subrounded to subangular; some granules to small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | (12.0-14.2') SAND, fine to medium, subrounded to subangular; little granules, subrounded to subangular; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | (14.2-15.0') SAND, medium to coarse, subrounded to subangular; little granules, subrounded to subangular; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 666.5
North Coor: 318835.5
East Coor: 13388189.8

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# Soil Boring Log

Boring No.: MW-87

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 05/16/2017
Date Completed: 05/16/2017
Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: 50° F, Overcast

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 2.1 | | (0.0-0.4') TOPSOIL/GRASS. | 8.0" Flush Mount | |
| 2 | | | | | 1.8 | | (0.4-14.0') SAND; fine to medium, subrounded to subangular; trace granules, subrounded; well sorted; moist to wet; dark yellowish brown (10YR 4/6). | 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-2.0') Filter Pack Sand | |
| 3 | | | 72 | | 0.5 | | | | |
| 4 | | | | | 1.4 | | | | |
| 5 | | | | | 1.7 | | | (2.0-11.9') Bentonite Pellets | |
| 6 | | | | | 1.6 | | | | |
| 7 | | | | | 0.1 | | | | |
| 8 | | | 40 | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | Note: Boring appeared wet at 9.0' bgs. Color change to brown (10YR 5/3) at 9.0' bgs. | | |
| 11 | | | | | 0.0 | | Note: Trace silt and no granules at 10.0' bgs. | | |
| 12 | | | | | 0.0 | | Note: Color change to grayish brown (10YR 5/2) at 11.0' bgs. | | |
| 13 | | | 55 | | 0.0 | | | (11.9-12.9') Choker Sand (12.9-19.0') Filter Pack Sand | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | (14.0-19.0') SAND; fine ot medium; subrounded to subangular; little to some coarse sand to granules, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 16 | | | | | 0.0 | | | (14.0-19.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 17 | | | 48 | | 0.0 | | | | |
| 18 | | | | | 0.0 | | | | |
| 19 | | | | | 0.0 | | | | |
| 20 | | | | | | | End of boring at 19.0' bgs. | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 669.4
North Coor: 318378.3
East Coor: 13388181.1

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-87S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 11/29/2018
Date Completed: 11/29/2018

Logger: C. O'Neill
Editor: C. O'Neill
Weather Conditions: 28° F, Cloudy/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand | |
| 2 | | | | | 0.0 | | (0.3-5.8') SAND, medium to very coarse, subrounded to subangular; trace silt; well sorted; dry; dark yellowish brown (10YR 4/6) to yellowish brown (10YR 5/6). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 41 | | 0.0 | | (5.8-10.0') SAND, fine to medium, subrounded to subangular; trace silt; well sorted; dry to wet; yellowish brown (10YR 5/6). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | Note: Boring appeared wet at 9.0' bgs. Little to some silt from 9.0-10.0' bgs. | (4.5-14.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | 39 | | 0.0 | | (10.0-13.5') SAND, very fine to fine, subrounded; and SILT, nonplastic, rapid dilatancy; well sorted; wet; yellowish brown (10YR 5/6). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | (13.5-15.0') SAND, fine to very coarse, subrounded to subangular; little granules, subrounded to subangular; trace silt; poorly sorted; wet; yellowish brown (10YR 5/6). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 669.3
North Coor: 318378.3
East Coor: 13388184.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-88S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 10/31/2018
Date Completed: 10/31/2018
Logger: J. Barker
Editor: S. Yaqoob
Weather Conditions: 55° F, Rainy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 8.9 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement (1.0-2.5') Bentonite Pellets (2.5-15.0') Filter Pack Sand | |
| | | | | | | | (0.5-1.0') SAND, medium; subrounded to subangular; well sorted; dry; dark brown (10YR 3/1). Note: Roots | | |
| 2 | | | | | 16.3 | | (1.0-2.0') SAND, medium; subrounded to subangular; little medium pebbles; subrounded; poorly sorted; dry; yellowish brown (10YR 5/6). | | |
| 3 | | | | | 21.5 | | (2.0-3.0') SAND, fine to medium; subrounded to subangular; trace gravel, subangular; little silt; poorly sorted; dry ; very dark brown (10YR 2/2). | | |
| 4 | | | | | 26.7 | | (3.0-4.0') SAND, medium; subrounded to subangular; well sorted; dry; yellowish brown (10YR 5/6). Note: Roots. | | |
| 5 | | | | | 2.7 | | (4.0-6.0') SAND, medium; subrounded to subangular; little silt; poorly sorted; dry; yellowish brown (10YR 5/6)/. | | |
| 6 | | | 45 | | 0.0 | | (6.0-7.0') SAND, fine to medium; trace silt; poorly sorted; wet; light olive brown (2.5YR 5/3). | (3.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | (7.0-12') SAND, fine to medium; subrounded to subangular; little coarse; subangular; poorly sorted; wet; light olive brown (2.5YR 5/3). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | 48 | | 0.0 | | Note: At 10.0'bgs transition to grayish brown (2.5Y 5/2). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | (12-12.3') PEBBLE, large; angular to subangular; and SAND, coarse; subrounded to subangular; poorly sorted; wet; very dark grayish brown (2.5Y 3/2). | | |
| 14 | | | | | 0.0 | | (12.3-14.5') SAND, medium to coarse, subrounded to subangular; little small pebbles, subangular; poorly sorted; wet; very dark grayish brown (2.5YR 3/2). | | |
| 15 | | | | | 0.0 | | (14.5-15') PEBBLE; small to large; angular to subangular; and SAND, coarse; subrounded to subangular; poorly sorted; wet; very dark grayish brown (2.5Y 3/2). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman & Jake Turnage
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.4
North Coor: 318735.3
East Coor: 13387931.2

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-89S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 10/31/2018
Date Completed: 10/31/2018
Weather Conditions: 50° F, Cloudy

Logger: J. Barker
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 5.7 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement (1.0-2.5') Bentonite Pellets | |
| | | | | | | | (0.5-1.0') SAND, fine, subangular; well sorted; dry; very dark brown (10YR 2/2). | | |
| 2 | | | | | 3.1 | | (1.0-2.0') SAND, very fine, subrounded; well sorted; moist; very dark grayish brown (10YR 3/2). Note: Roots. | | |
| 3 | | | 60 | | 5.3 | | (2.0-8.5') SAND, subrounded to subangular; and SILT; well sorted; moist to wet; dark grayish brown (10YR 3/2). Note: Roots present from 2.0-3.0' bgs. | | |
| 4 | | | | | 2.4 | | | | |
| 5 | | | | | 2.6 | | | | |
| 6 | | | | | 0.7 | | Note: Boring appeared wet at 5.0' bgs. | | |
| 7 | | | | | 0.6 | | | | |
| 8 | | | 42 | | 0.6 | | | (2.5-15.0') Filter Pack Sand (3.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 0.7 | | (8.5-9.5') SAND, coarse; some pebbles, medium to large, subrounded to subangular; wet; yellowish brown (10YR 5/8). | | |
| 10 | | | | | 0.6 | | (9.5-14.0') SAND, coarse, angular to sunangular; poorly sorted; moist; dark grayish brown (10YR 4/2). | | |
| 11 | | | | | 0.7 | | | | |
| 12 | | | | | 0.7 | | | | |
| 13 | | | 42 | | 0.7 | | | | |
| 14 | | | | | 0.7 | | | | |
| 15 | | | | | 0.7 | | (14.0-14.2') SAND, fine, subrounded to subangular; and SILT; poorly sorted; moist; brown (10YR 5/3). | | |
| | | | | | | | (14.2-15.0') SILT; some sand, fine, subrounded to subangular; poorly sorted; moist; gray (10YR 5/1). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wisman/Jake Turnage
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 664.4
North Coor: 319421.7
East Coor: 13387966.9

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-90S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 11/01/2018
Date Completed: 11/01/2018
Logger: J.Barker / A. Richmond
Editor: S. Yaqoob
Weather Conditions: 40° F, Rainy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.2 | | (0-0.5') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement (1.0-2.0') Bentonite Pellets | |
| 2 | | | | | 0.5 | | (0.5-1.0') SAND, very fine; and SILT; large pebble, subrounded to subangular; well sorted; moist; very loose; very dark grayish brown,(10YR 3/2). Note: Roots and organic material | | |
| 3 | | | | | 1.4 | | (1.0-2.0') CLAY, medium plasticity, no dilatancy; moist ; soft; dark gray (10YR 4/1). | | |
| 4 | | | | | 0.4 | | (2.0-3.0') CLAY and SILT, low plasticity, no dilatancy; medium pebble, subrounded to subangular; dry; stiff; grayish brown (10YR 5/2). | | |
| 5 | | | | | 0.4 | | (3.0-4.0') SAND, very fine; some SILT; some CLAY, low plasticity; no dilatancy; trace large pebbles, subrounded to subangular; well sorted; moist; loose; dark grayish brown (10YR 4/3). | | |
| 6 | | | | | 0 | | (4.0-5.0') CLAY, medium plasticity, no dilatancy; dry; soft; grayish brown (10YR 5/1). | | |
| 7 | | | 18 | | 0 | | (5.0-5.7') SAND, very fine; and SILT; pebbles, subangular; moist; soft; medium plasticity, no dilatancy; brown. | | |
| 8 | | | | | 0 | | (5.7-6.0') CLAY, medium plasticity, no dilatancy; pebbles, subangular; moist; medium stiff; dark gray (10YR 4/1). | | |
| 9 | | | | | 0 | | (6.0-6.8') CLAY, low plasticity; and SILT; little sand; pebbles, subangular; moist; soft; very dark grayish brown (10YR 3/2). | (2.0-15.0') Filter Pack Sand (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 10 | | | | | 0 | | (6.8-13.5') Alernating seams of SAND and CLAY, low plasticity; moist; soft; very dark grayish brown (10YR 3/2). | | |
| 11 | | | | | 0 | | | | |
| 12 | | | | | 0 | | | | |
| 13 | | | 34 | | 0 | | | | |
| 14 | | | | | 0 | | | | |
| 15 | | | | | 0 | | (13.5-14.5') CLAY, high plasticity, no dilatancy; moist; dark gray (10YR 4/1). | | |
| 16 | | | | | | | (14.5-15.0') SAND, very fine to coarse; some SILT; some CLAY; poorly sorted; wet; very loose; 2'' seam of black; dark gray (10YR 4/1). | | |
| 17 | | | | | | | End of boring at 15.0' bgs. | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman & Jake Turnage
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 657.7
North Coor: 319915.1
East Coor: 13389371.7

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-91S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 11/01/2018
Date Completed: 11/01/2018
Logger: J. Barker
Editor: C. O'Neill
Weather Conditions: 40° F, Rainy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 1.4 | | (0.0-2.0') SAND, very fine; well sorted; moist; very loose; dark yellowish brown (10YR 4/4). | 8.0" Flush Mount (0.0-1.0') Cement (1.0-2.0') Bentonite Pellets (2.0-15.0') Filter Pack Sand | |
| 2 | | | | | 0.6 | | Note: Color change to yellowish brown (10YR 5/6) around 1.0-2.0' bgs. | | |
| 3 | | | 60 | | 1.3 | | (2.0-4.0') SAND, very fine to fine; well sorted; moist; very loose; dark yellowish brown (10YR 5/6). | | |
| 4 | | | | | 1.5 | | | | |
| 5 | | | | | 0.7 | | (4.0-7.0') SAND, fine to medium; well sorted; moist; very loose; brown (10YR 5/3). | | |
| 6 | | | | | 0.2 | | | | |
| 7 | | | | | 0.2 | | | (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | 41 | | 0.2 | | (7.0-8.0') PEBBLES, large, subangular; and SAND, very fine, subrounded to subangular. | | |
| 9 | | | | | 0.2 | | (8.0-9.0') SAND, fine to coarse, subangular; some pebbles, large, subangular; poorly sorted; wet; very loose; grayish brown (10YR 5/1). | | |
| 10 | | | | | 0.2 | | (9.0-11.0') SAND, fine to medium, subrounded to subangular; trace pebbles, medium; gray (10YR 5/1). | | |
| 11 | | | | | 0.2 | | | | |
| 12 | | | | | 0.2 | | (11.0-15.0') CLAY, medium plasticity, no dilatancy; moist; soft. | | |
| 13 | | | 60 | | 0.2 | | | | |
| 14 | | | | | 0.2 | | | | |
| 15 | | | | | 0.2 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wisman/Jake Turnage
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 658.9
North Coor: 319190.3
East Coor: 13389186.5

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-92S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 11/01/2018
Date Completed: 11/01/2018
Logger: J.Barker
Editor: S. Yaqoob
Weather Conditions: 40° F, Rainy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.5 | | (0.0-1.0') SAND, very fine; well sorted; moist; very loose; dark yellow brown (10YR 4/4). | 8.0" Flush Mount (0.0-1.0') Cement (1.0-2.0') Bentonite Pellets (2.0-15.0') Filter Pack Sand | |
| 2 | | | | | 0.6 | | (1.0-3.0') SAND, very fine; well sorted; moist; very loose; dark yellowish brown (10YR 4/6). | | |
| 3 | | | 48 | | 0.9 | | (3.0-4.0') SAND, very fine; well sorted; moist; very loose; yellowish brown (10YR 5/4). | | |
| 4 | | | | | 0.7 | | | | |
| 5 | | | | | 0.8 | | (4.0-7.0') SAND, fine to medium; well sorted; moist; very loose; yellowish brown (10YR 4/6). | | |
| 6 | | | | | NA | | Note: Boring appeared wet at 5.0' bgs. | | |
| 7 | | | | | 0.3 | | | (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | 48 | | 0.3 | | (7.0-12') SAND, fine to medium; trace granules, subangular; well sorted; wet; very loose; gray (10YR 5/1). | | |
| 9 | | | | | 0.3 | | | | |
| 10 | | | | | NA | | | | |
| 11 | | | | | 0.2 | | | | |
| 12 | | | | | 0.2 | | | | |
| 13 | | | 42 | | 0.2 | | 12' CLAY, medium plasticity, no dilatancy; moist; soft; gray (10YR 5/1) | | |
| 14 | | | | | 0.2 | | | | |
| 15 | | | | | 0.2 | | | | |
| | | | | | | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman & Jake Turnage
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 658.9
North Coor: 319294.2
East Coor: 13389217.2

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-93S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 11/02/2018
Date Completed: 11/02/2018
Logger: J. Barker
Editor: A. Reibel
Weather Conditions: 40° F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.4 | | (0.0-1.0') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing (0.5-2.0') Bentonite Pellets (2.0-15.0') Filter Pack Sand | |
| 2 | | | | | 0.4 | | (1.0-7.0') SAND, very fine to fine; well sorted; moist; very loose; very dark grayish brown (10YR 3/2). | | |
| 3 | | | 60 | | 1.0 | | Note: Color change to yellowish brown (10YR 5/4) at 2.0' bgs. | | |
| 4 | | | | | 0.4 | | Note: Color change to yellowish brown (10YR 5/6) at 3.0' bgs. | | |
| 5 | | | | | 0.3 | | | | |
| 6 | | | | | NA | | | | |
| 7 | | | | | 0.0 | | | (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | 42 | | 0.5 | | (7.0-9.5') SAND, fine to coarse, subrounded to subangular; well sorted; wet; very loose. | | |
| 9 | | | | | 0.4 | | Note: Medium to coarse sand at 8.0' bgs. | | |
| 10 | | | | | 0.3 | | (9.5-10.0') SAND, fine to coarse, subrounded to subangular; trace large pebbles, subrounded to subangular; grayish brown (10YR 5/2). | | |
| 11 | | | | | NA | | (10.0-14.0') SAND, fine to coarse, subrounded to subangular; grayish brown (10YR 5/2). | | |
| 12 | | | | | 0.9 | | | | |
| 13 | | | 48 | | 1.0 | | | | |
| 14 | | | | | 1.1 | | | | |
| 15 | | | | | 0.6 | | (14.0-14.5') SILT, nonplastic, rapid dilatancy; some sand, very fine; some clay; wet; very soft; grayish brown (10YR 5/2). Note: Some clay laminations. (14.5-15.0') CLAY, high plasticity, no dilatancy; moist; soft; grayish brown (10YR 5/2). End of boring 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wisman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.2
North Coor: 318728.9
East Coor: 13388605.2

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-94S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 11/02/2018
Date Completed: 11/02/2018
Logger: J. Barker
Editor: A. Reibel
Weather Conditions: 40° F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 1.7 | | (0.0-1.0') SAND, very fine; well sorted; dry; very loose; dark yellowish brown (10YR 4/4). | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing (0.5-2.0') Bentonite Pellets (2.0-15.0') Filter Pack Sand | |
| 2 | | | | | 0.6 | | (1.0-4.0') SAND, very fine; well sorted; dry; very loose; yellowish brown (10YR 5/6). NOTE: Roots present | | |
| 3 | | | | | 0.3 | | | | |
| 4 | | | | | 0.4 | | | | |
| 5 | | | | | 0.3 | | (4.0-8.0') SAND, very fine to fine; well sorted; very loose; yellowish brown (10YR 5/6). | | |
| 6 | | | 48 | | 1.0 | | | (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | | | | | |
| 8 | | | | | 0.4 | | | | |
| 9 | | | | | 0.9 | | (8.0-9.0') SAND, fine to very coarse, angular to subrounded; poorly sorted; very loose; wet; gray (10YR 5/1). | | |
| 10 | | | | | 1.0 | | (9.0-11.0') SAND, fine to medium; some pebbles, large, subrounded; poorly sorted; wet; very loose; gray (10YR 5/1). | | |
| 11 | | | 48 | | 0.4 | | | | |
| 12 | | | | | 0.2 | | (11.0-13.0') SAND, fine to coarse, subrounded to subangular; poorly sorted; wet; very loose; gray (10YR 5/1). NOTE: From 11.0-13.0' alternating seams (~4-6'') of fine to medium and fine to coarse sand approximately. | | |
| 13 | | | | | 0.3 | | | | |
| 14 | | | | | 0.5 | | (13.0-15.0') SAND, very fine; some clay, medium plasticity, no dilatancy; soft; wet; gray (10YR 5/1). NOTE: From 13.0-15.0' alternating layers (~4-6'') of well sorted sand and clay. | | |
| 15 | | | | | 0.3 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wisman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 661.7
North Coor: 318649.9
East Coor: 13388845.8

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-95S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 11/02/2018
Date Completed: 11/02/2018
Logger: J.Barker
Editor: S. Yaqoob
Weather Conditions: 40° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.9 | | (0.0-1.0') TOPSOIL; very dark brown (10YR 2/2). | 8.0" Flush Mount (0.0-0.5') Cement (0.5-2.0') Bentonite Pellets (2.0-15.0') Filter Pack Sand | |
| 2 | | | | | 1.1 | | (1.0-7.0') SAND, very fine to fine; well sorted; moist; very loose; grayish brown (10YR 5/2). | | |
| 3 | | | 60 | | 1.0 | | | | |
| 4 | | | | | 1.5 | | | | |
| 5 | | | | | 0.8 | | | | |
| 6 | | | | | NA | | Note: Boring appeared wet at 5.0' bgs. | | |
| 7 | | | | | 2.8 | | | (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | 42 | | 1.1 | | (7.0-9.0') SAND, fine to medium; angular to subrounded; trace granules, subangular; well sorted; wet; very loose; dark gray (10YR 4/1). | | |
| 9 | | | | | 1.1 | | | | |
| 10 | | | | | 0.8 | | (9.0-13.5') SAND, fine to very coarse, angular to subrounded; well sorted; very loose; dark gray (10YR 4/1). Note: Trace large pebbles, subrounded to subangular, in 2" layer at 9.0' bgs. | | |
| 11 | | | | | 1.4 | | | | |
| 12 | | | | | 0.9 | | | | |
| 13 | | | 42 | | 0.5 | | | | |
| 14 | | | | | NA | | (13.5-14.5) SAND, very fine; little SILT; well sorted; wet; loose; gray (10YR 5/1). | | |
| 15 | | | | | 0.5 | | (14.5-15.0') CLAY, medium plasticity, no dilatancy; moist; soft; gray (10YR 5/1). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman & Jake Turnage
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.4
North Coor: 319687.4
East Coor: 13388116.9

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-96S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 11/28/2018
Date Completed: 11/28/2018
Logger: C. O'Neill
Editor: C. O'Neill
Weather Conditions: 28° F, Cloudy/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | NA | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement 2.0" dia. SCH-40 PVC Casing (0.5-1.5') Bentonite Pellets 12.0" dia. drilled hole (1.5-15.0') Filter Pack Sand (2.5-12.5') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| | | | | | 0.0 | | (0.3-1.0') SAND, medium to very coarse, subrounded to subangular; some granules to small pebbles, subrounded to subangular; little large pebbles, subrounded to subangular; poorly sorted; dry; dark brown (10YR 3/3). Note: Little organic matter, roots present. | | |
| 2 | | | | | 0.0 | | | | |
| 3 | | | | | 0.0 | | (1.0-2.0') SAND, fine to coarse, subrounded to subangular; trace silt; well sorted; dry; brownish yellow (10YR 6/6). | | |
| | | | | | | | (2.0-5.0') SAND, very fine to medium, subrounded to subangular; little silt; well sorted; dry to moist; yellowish brown (10YR 5/6). | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 44 | | 0.0 | | (5.0-7.2') SAND, very fine to fine, subrounded; and SILT; well sorted; wet; yellowish brown (10YR 5/6). | | |
| | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | (7.2-9.0') SAND, fine to very coarse, subrounded to subangular; and SILT; poorly sorted; wet; yellowish brown (10YR 5/6). | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (9.0-10.6') SAND, fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | 45 | | 0.0 | | (10.6-13.0') SAND, fine to very coarse, subrounded to subangular; and SILT; poorly sorted; wet; yellowish brown (10YR 5/6). | | |
| | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | (13.0-15.0') SILT, low to medium plasticity, rapid dilatancy; some clay; poorly sorted; wet; gray (10YR 5/1). | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 662.5
North Coor: 318831.5
East Coor: 13388602.7

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICEDATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-97S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 11/28/2018
Date Completed: 11/28/2018
Weather Conditions: 28° F, Cloudy/Windy

Logger: C. O'Neill
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, fine to coarse, subrounded to subangular; trace silt; poorly sorted; dry to moist; brown (10YR 5/3). | 2.0" dia. SCH-40 PVC Casing (0.5-1.5') Bentonite Pellets | |
| 3 | | | | | 0.0 | | (1.0-4.0') SAND, very fine to medium, subrounded to subangular; little silt; well sorted; moist; brown (10YR 5/3). | 12.0" dia. drilled hole (1.5-15.0') Filter Pack Sand (2.5-12.5') | |
| 4 | | | | | 0.0 | | | 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 5 | | | | | 0.0 | | (4.0-12.5') SAND, fine to very coarse, subrounded to subangular; some silt; poorly sorted; wet; grayish brown (10YR 5/2). Note: Boring appeared wet at 4.5' bgs. | | |
| 6 | | | 44 | | 0.0 | | Note: Some small pebbles, subrounded to subangular present from 5.5 to 5.9' bgs and granules present from 5.5 to 7.5' bgs. | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | 42 | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | (12.5-13.0') SILT, low to medium plasticity, rapid dilatancy; some clay; well sorted; wet; gray (10YR 5/1). | | |
| 14 | | | | | 0.0 | | (13.0-15.0') CLAY, medium to high plasticity, no dilatancy; trace silt; well sorted; wet to moist; gray (10YR 5/1). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 660.6
North Coor: 318586.6
East Coor: 13388809.1

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# Soil Boring Log

Boring No.: MW-98S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 11/30/2018
Date Completed: 11/30/2018
Weather Conditions: 32° F, Cloudy/Light Snow

Logger: C. O'Neill
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 42 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement 2.0" dia. SCH-40 PVC Casing (0.5-1.5') Bentonite Pellets 12.0" dia. drilled hole (1.5-15.0') Filter Pack Sand (2.5-12.5') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| | | | | | 0.0 | | (0.3-1.0') SAND, fine to coarse, subrounded to subangular; some small pebbles, subrounded to subangular; trace silt; poorly sorted; dry; dark brown (10YR 3/3). | | |
| 2 | | | | | | | (1.0-2.0') SAND, fine to coarse, subrounded to subangular; little granules, subrounded to subangular; trace silt; poorly sorted; dry to moist; dark grayish brown (10YR 4/2). | | |
| 3 | | | | | 0.0 | | (2.0-5.0') SAND, fine to very coarse, subrounded to subangular; and GRANULES to LARGE PEBBLES, subrounded to subangular; trace silt; poorly sorted; moist to wet; dark grayish brown (10YR 4/2). Note: Boring appeared wet at 3.5' bgs. | | |
| 4 | | | 6 | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 55 | | 0.0 | | (5.0-8.1') SAND, fine to very coarse, subrounded to subangular; trace granules to small pebbles, subrounded to subangular; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| | | | | | 0.0 | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.1-8.5') CLAY, medium to high plasticity, no dilatancy; poorly sorted; wet to moist; soft to medium stiff; dark grayish brown (10YR 4/2). | | |
| 10 | | | | | 0.0 | | (8.5-9.0') SILT, nonplastic, rapid dilatancy; some clay; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| | | | | | | | (9.0-15.0') CLAY, medium to high plasticity, no dilatancy; poorly sorted; wet to moist; dark grayish brown (10YR 4/2). | | |
| 11 | | | | | 0.0 | | | | |
| | | | | | 0.0 | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| | | | | | | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 656.4
North Coor: 319368.7
East Coor: 13389041.8

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# Soil Boring Log

Boring No.: MW-99S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/05/2018
Date Completed: 12/05/2018

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 30° F, Light Snow

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-1.0') CONCRETE. | 8.0" Flush Mount (0.0-0.5') Cement 2.0" dia. SCH-40 PVC Casing (0.5-1.5') Bentonite Pellets 12.0" dia. drilled hole (1.5-15.0') Filter Pack Sand (3.0-13.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 2 | | | | | 0.0 | | (1.0-7.0') SAND, fine to medium, subrounded to subangular; trace small pebbles, subrounded to subangular; dry; yellowish brown (10YR 5/8). | | |
| 3 | | | 60 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | Note: Boring appeared moist at 3.0' bgs. | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | Note: Boring appeared wet at 6.0' bgs. | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 42 | | 0.0 | | (7.0-7.5') CLAY, medium plasticity, no dilatancy; trace silt; poorly sorted; dry; yellowish brown (10YR 5/4). | | |
| 9 | | | | | 0.0 | | (7.5-8.0') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; poorly sorted; wet; brown (10YR 5/3). | | |
| 10 | | | | | 0.0 | | (8.0-9.5') SAND, fine to medium, subrounded to subangular; some granules to small pebbles, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). | | |
| 11 | | | | | 0.0 | | (9.5-9.7') CLAY, high plasticity, no dilatancy; trace silt; poorly sorted; dry; medium stiff; brown (10YR 5/3). | | |
| 12 | | | | | 0.0 | | (9.7-13.8') SAND, fine to medium, subrounded to subangular; some sand, coarse, subrounded to subangular; some granules, subrounded to subangular; little silt; poorly sorted; grayish brown (10YR 5/2). | | |
| 13 | | | 40 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | (13.8-15.0') SILT, nonplastic, rapid dilatancy; trace clay; trace sand, very fine to fine, subrounded to subangular; poorly sorted; wet; dark grayish brown (10YR 4/2). Note: Some clay present from 14.7-14.8' bgs. | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.9
North Coor: 319044.2
East Coor: 13387462.1

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# Soil Boring Log

Boring No.: MW-100S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/05/2018
Date Completed: 12/05/2018
Weather Conditions: 30° F, Cloudy

Logger: C. O'Neill
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-1.0') CONCRETE. | 8.0" Flush Mount (0.0-0.5') Cement 12.0" dia. drilled hole (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand (3.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (1.0-6.0') SAND, fine to medium, subrounded to subangular; trace coarse sand to granules, subrounded to subangular; trace silt; poorly sorted; dry to moist; yellowish brown (10YR 5/4). Note: Trace small to medium pebbles, subrounded to subangular from 1.0-1.6' bgs. | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 41 | | 0.0 | | (6.0-9.3') SILT, nonplastic, rapid dilatancy; some sand, very fine to medium, subrounded to subangular; poorly sorted; wet; dark yellowish brown (10YR 4/4). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.3-11.0') SAND, medium to very coarse, subrounded to subangular; some granule to small pebble, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 11 | | | 43 | | 0.0 | | (11.0-11.7') SAND, very fine to medium, subrounded to subangular; trace coarse sand, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 12 | | | | | 0.0 | | (11.7-12.0') SAND, medium to very coarse, subrounded to subangular; trace granules, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 13 | | | | | 0.0 | | (12.0-14.1') SAND, very fine to medium, subrounded to subangular; trace coarse sand to granules, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 14 | | | | | 0.0 | | (14.1-15.0') SILT, nonplastic, rapid dilatancy; little sand, very fine to fine, subrounded to subangular; trace clay; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 15 | | | | | | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 668.1
North Coor: 318396.4
East Coor: 13387488.9

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Boring No.: MW-101S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 12/04/2018
Logger: C. O'Neill
Project Number: MI001454
Date Completed: 12/04/2018
Editor: C. O'Neill
Project Location: Livonia, MI
Weather Conditions: 30° F, Partly Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, very fine to medium, subrounded to subangular; trace silt; trace granules, subrounded to subangular; poorly sorted; dry; yellowish brown (10YR 5/4). | | |
| 3 | | | | | 0.0 | | (1.0-2.5') SAND, very fine to medium, subrounded to subangular; trace coarse sand to granules, subrounded to subangular; trace silt; poorly sorted; dry; yellowish brown (10YR 5/4). | 12.0" dia. drilled hole (0.5-1.5') Bentonite Pellets | |
| 4 | | | | | 0.0 | | (2.5-3.5') FILL MATERIAL, peastone/gravel. | 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand | |
| 5 | | | | | 0.0 | | (3.5-10.0') SAND, very fine to medium, subrounded to subangular; some granules, subrounded to subangular; trace silt; poorly sorted; dry to moist; brown (10YR 5/3). Note: Some peastone/gravel from 3.5-4.2' bgs. | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 32 | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | (4.5-14.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 10 | | | | | 0.0 | | Note: Wet at ~9.0' bgs. | | |
| 11 | | | | | 0.0 | | (10.0-10.3') SILT, nonplastic, rapid dilatancy; trace very fine to fine sand, subrounded to subangular; well sorted; wet; poorly sorted; brown (10YR 5/3). | | |
| 12 | | | | | 0.0 | | (10.3-11.3') SAND, very fine to medium, subrounded to subangular; some granules, subrounded to subangular; trace silt; poorly sorted; wet; brown (10YR 5/3). | | |
| 13 | | | 38 | | 0.0 | | (11.3-12.7') SAND, medium to very coarse, subrounded to subangular; AND granules to large pebbles, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10R 5/2). | | |
| 14 | | | | | 0.0 | | (12.7-13.3') SAND, very fine to medium, subrounded to subangular; some granules, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 15 | | | | | 0.0 | | (13.3-15.0') SILT, nonplastic, rapid dilatancy; trace very fine to medium sand, subrounded to subangular; little granules to very coarse sand, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 669.3
North Coor: 318000.0
East Coor: 13387508.8

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-102

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/11/2018
Date Completed: 12/11/2018

Logger: C. O'Neill
Editor: C. O'Neill
Weather Conditions: 28° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.5') CONCRETE. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 1.4 | | (0.5-2.0') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; trace silt; poorly sorted; dry to moist; yellowish brown (10YR 5/4). | 12.0" dia. drilled hole (0.5-1.5') Bentonite Pellets | |
| 3 | | | | | 1.3 | | (2.0-6.4') SAND, fine to very coarse, subrounded to subangular; AND granules to medium pebbles, subrounded to subangular; some silt, nonplastic, rapid dilatancy; poorly sorted; moist to wet; grayish brown (10YR 5/2). Note: Boring appeared wet at 4.0' bgs. | 2.0" dia. SCH-40 PVC Casing | |
| 4 | | | | | 3.2 | | | | |
| 5 | | | | | 0.3 | | | | |
| 6 | | | | | 3.1 | | | (1.5-15.0') Filter Pack Sand | |
| 7 | | | | | 0.0 | | (6.4-6.6') SILT, nonplastic, rapid dilatancy; some sand, very fine to medium, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 8 | | | | | 0.5 | | (6.6-12.8') SAND, fine to coarse, subrounded to subangular; little granules, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 9 | | | | | 1.6 | | | | |
| 10 | | | | | 0.3 | | | | |
| 11 | | | | | 1.5 | | | (10.0-15.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 12 | | | | | 1.2 | | | | |
| 13 | | | | | 0.2 | | (12.8-13.1') CLAY, nonplastic, no dilatancy; some silt; trace sand, subrounded to subangular; poorly sorted; moist to dry; soft to medium stiff; gray (10YR 5/1). | | |
| 14 | | | | | 0.5 | | (13.1-15.0') CLAY, medium plasticity, no dilatancy; trace silt; medium stiff; dry; poorly sorted; gray (10YR 5/1). | | |
| 15 | | | | | 0.2 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 661.3
North Coor: 320273.2
East Coor: 13388023.0

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# Soil Boring Log

Boring No.: MW-102S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/11/2018
Date Completed: 12/11/2018
Logger: C. O'Neill
Editor: C. O'Neill
Weather Conditions: 28° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 48 | | 0.0 | | (0.0-0.5') CONCRETE. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.5-2.0') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; trace silt; poorly sorted; dry to moist; yellowish brown (10YR 5/4). | 12.0" dia. drilled hole (0.5-1.5') Bentonite Pellets | |
| 3 | | | | | 0.0 | | (2.0-6.4') SAND, fine to very coarse, subrounded to subangular; AND granules to medium pebbles, subrounded to subangular; some silt, nonplastic, rapid dilatancy; poorly sorted; moist to wet; grayish brown (10YR 5/2). Note: Boring appeared wet at 4.0' bgs. | 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand (2.5-12.5') | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | 12 | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | (6.4-6.6') SILT, nonplastic, rapid dilatancy; some sand, very fine to medium, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 8 | | | 46 | | 0.0 | | (6.6-12.8') SAND, fine to coarse, subrounded to subangular; little granules, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 34 | | 0.0 | | (12.8-13.1') CLAY, nonplastic, no dilatancy; some silt; trace sand, subrounded to subangular; poorly sorted; moist to dry; soft to medium stiff; gray (10YR 5/1). | | |
| 14 | | | | | 0.0 | | (13.1-15.0') CLAY, medium plasticity, no dilatancy; trace silt; medium stiff; dry; poorly sorted; gray (10YR 5/1). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 661.3
North Coor: 320270.9
East Coor: 13388028.9

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-103S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 01/22/2019
Date Completed: 01/22/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 14° F, Cloudy/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement 12.0" dia. drilled hole (1.0-2.0') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.0-10.0') Filter Pack Sand (2.0-7.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.5-3.0') SAND, fine to coarse, subrounded to subangular; little silt, nonplastic; trace granules to small pebbles, subrounded to subangular; poorly sorted; dry to moist; dark grayish brown (10YR 4/2). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | (3.0-5.0') SAND, medium to coarse, subrounded to subangular; and GRANULES, subrounded to subangular; poorly sorted; wet; dark yellowish brown (10YR 4/4). | | |
| 5 | | | | | 0.0 | | Note: At 5.0' bgs, wet, some roots. | | |
| 6 | | | 46 | | 0.0 | | (5.0-6.8') SAND, very fine to medium, subrounded to subangular; little silt, nonplastic; trace granules, subrounded; poorly sorted; wet; no dilatancy; yellowish brown (10YR 5/4). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | (6.8-8.2') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, slow dilatancy; trace small granules; poorly sorted; wet; gray (10YR 5/1). | | |
| 9 | | | | | 0.0 | | (8.2-9.0') SILT, nonplastic, rapid dilatancy; little sand, very fine; wet; well sorted; gray (10YR 5/1). | | |
| 10 | | | | | 0.0 | | (9.0-10.0') CLAY, high plasticity, slow dilatancy; little silt; soft; wet; well sorted; gray (10YR 5/1). End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground; Frozen ground at ~2.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.8' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 656.4
North Coor: 319939.6
East Coor: 13389335.8

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# Soil Boring Log

Boring No.: MW-104S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 01/23/2019
Date Completed: 01/23/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 34° F, Rainy/Cloudy/Fog

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount (0.1-1.0') Cement 12.0" dia. drilled hole | |
| 2 | | | | | 0.0 | | (0.5-10.0') SAND, very fine to fine, subrounded to subangular; trace small pebbles, subrounded; well sorted; dry; yellowish brown (10YR 5/4). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | (1.0-8.0') Bentonite Pellets | |
| 6 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 32 | | 0.0 | | | (7.0-15.0') Filter Pack Sand | |
| 9 | | | | | 0.0 | | Note: Red banding occurs from 8.0-10.0' bgs, color is yellow (10YR 7/6). | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | (10.0-12.5') SAND, very fine to medium, subrounded to subangular; little silt, slow dilatancy, nonplastic; well sorted; moist; yellowish brown (10YR 5/4). | (9.0-14.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 35 | | 0.0 | | (12.5-13.8') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine, subrounded to subangular; well sorted; wet; grayish brown (10YR 5/2). | | |
| 14 | | | | | 0.0 | | (13.8-14.0') CLAY, medium plasticity and SILT, rapid dilatancy; soft; wet; well sorted; grayish brown (10YR 5/2). | | |
| 15 | | | | | | | (14.0-14.3') SILT, nonplastic, rapid dilatancy; trace sand, very fine to fine, subrounded; wet; well sorted; grayish brown (10YR 5/2). | | |
| 16 | | | | | | | (14.3-15.0') SAND, very fine to medium, subrounded to subangular; and SILT, slow dilatancy, nonplastic; trace small pebbles, subrounded; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 17 | | | | | | | End of boring at 15.0' bgs. | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 11.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 670.0
North Coor: 318531.9
East Coor: 13388218.1

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# Soil Boring Log

Boring No.: MW-105S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/11/2018
Date Completed: 12/11/2018
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 28° F, Cloudy/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 12.0" dia. drilled hole (1.5-15.0') Filter Pack Sand 2.0" dia. SCH-40 PVC Casing (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.5-6.5') SAND, very fine to medium, subrounded to subangular; some coarse sand, subrounded to subangular; trace silt, slow dilatancy; poorly sorted; moist to wet; brown (10YR 4/4) to dark gray (10YR 4/1). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | Note: Some roots present from 3.0-4.0' bgs. Trace small pebbles, subrounded to subangular present from 3.0-5.0' bgs. | | |
| 5 | | | | | 0.0 | | Note: Wet at 4.5' bgs. | | |
| 6 | | | 43 | | 0.0 | | | | |
| 7 | | | | | 0.0 | | (6.5-7.0') SAND, medium to coarse, subrounded to subangular; and GRANULES to small pebbles, subrounded to subangular; trace silt, nonplastic, no dilatancy; poorly sorted; wet; gray (10YR 5/1). | | |
| 8 | | | | | 0.0 | | (7.0-7.4') SAND, fine to medium, subrounded to subangular; trace silt, nonplastic, no dilatancy; poorly sorted; wet; gray (10YR 5/1). | | |
| 9 | | | | | 0.0 | | (7.4-8.2') SAND, medium to coarse, subrounded to subangular; trace small pebbles, subrounded to subangular; trace silt, nonplastic, no dilatancy; poorly sorted; wet; gray (10YR 5/1). | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | 31 | | 0.0 | | (8.2-8.7') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, slow dilatancy; poorly sorted; wet; gray (10YR 5/1). | | |
| 12 | | | | | 0.0 | | (8.7-12.0') SAND, medium to coarse, subrounded to subangular; some granules, subrounded to subangular; little silt, nonplastic, no dilatancy; poorly sorted; wet; gray (10YR 5/1). | | |
| 13 | | | | | 0.0 | | (12.0-15.0') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, slow dilatancy; trace coarse sand, subrounded to subangular; gray (10YR 5/1). Note: About 6.0" of clay trapped inside of core. CLAY, high plasticity, slow dilatancy; gray (10YR 5/1). | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Dakota
Driller: Al Smith
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NR
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: MW-106S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/04/2018
Date Completed: 12/04/2018
Logger: J. Barker
Editor: C. O'Neill
Weather Conditions: 20° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 102 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement | |
| | | | | | | | (0.5-1.0') SAND, fine; and SILT; well sorted; moist; very loose; dark brown (10YR 3/3). | | |
| 2 | | | | | 16.5 | | (1.0-4.0') SAND, fine; and CLAY; well sorted; moist; very loose; very dark grayish brown (10YR 3/2). | 8.0" dia. drilled hole (1.0-2.5') Bentonite Pellets (2.5-15.0') Filter Pack Sand | |
| 3 | | | | | 9.5 | | | | |
| 4 | | | | | 14.5 | | | | |
| 5 | | | | | 4.1 | | (4.0-7.0') SAND, fine to medium; trace coarse sand, subrounded to subangular; little clay; well sorted; wet; very loose; dark yellowish brown (10YR 4/4). | | |
| 6 | | | | | 5.6 | | | 2.0" dia. SCH-40 PVC Casing (2.5-12.5') | |
| 7 | | | | | 12.2 | | | | |
| 8 | | | 58 | | 10.2 | | (7.0-7.5') SAND, fine to medium; trace coarse sand, subrounded to subangular; little clay; well sorted; wet; very loose; grayish brown (10YR 5/2). | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| | | | | | 44 | | (7.5-8.5') CLAY, medium plasticity, no dilatancy; moist; soft; grayish brown (10YR 5/2). | | |
| 9 | | | | | | | | | |
| 10 | | | | | 8.1 | | (8.5-11.0') SILT, nonplastic, no dilatancy; trace clay; wet; soft; grayish brown (10YR 5/2). Note: Laminations less than 1/4" thick present at 9.5' bgs. | | |
| 11 | | | | | NR | | | | |
| | | | | | 22 | | (11.0-12.5') CLAY, medium plasticity, no dilatancy; trace sand, medium; very stiff; grayish brown (10YR 5/2). | | |
| 12 | | | | | | | | | |
| 13 | | | 46 | | 22.1 | | (12.5-15.0') SILT, nonplastic, no dilatancy; and CLAY; little sand; wet; very soft; grayish brown (10YR 5/2). Note: Non-cohesive. | | |
| 14 | | | | | 24 | | | | |
| 15 | | | | | 4.7 | | | | |
| | | | | | | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Dakota
Driller: Al Smith
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 655.5
North Coor: 319337.9
East Coor: 13389443.3

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# Soil Boring Log

Boring No.: MW-107S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/04/2018
Date Completed: 12/04/2018
Weather Conditions: 28° F, Cloudy

Logger: S. Johnson
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-3.0') SAND, fine, subrounded to rounded; some silt, nonplastic, rapid dilatancy; little pebbles, subrounded to subangular; soft; yellowish brown (10YR 5/4). | 8.0" dia. drilled hole (0.5-1.5') Bentonite Pellets (1.5-15.0') Filter Pack Sand | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | (3.0-5.7') SAND, very fine; and SILT, nonplastic, rapid dilatancy; little pebbles, subrounded to subangular; moist; medium stiff; very dark grayish brown (10YR 3/2). Note: Little organic matter, roots present. | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 38 | | 0.0 | | (5.7-6.2') SILT, nonplastic, rapid dilatancy; and SAND, very fine to coarse; wet; medium stiff; dark yellowish brown (10YR 4/4). | 2.0" dia. SCH-40 PVC Casing (2.5-12.5') | |
| 7 | | | | | 0.0 | | (6.2-6.8') Interbedded CLAY and SILT, low to medium plasticity, slow dilatancy; some sand, medium to coarse; wet; medium stiff; dark yellowish brown (10YR 4/4). | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | | | 0.0 | | (6.8-7.3') CLAY, high plasticity, no dilatancy; moist; stiff; gray (10YR 5/1). | | |
| 9 | | | | | 0.0 | | (7.3-7.8') SILT, nonplastic, rapid dilatancy; and SAND; wet; soft; dark yellowish brown (10YR 4/4). | | |
| 10 | | | | | 0.0 | | (7.8-8.5') CLAY, high plasticity, no dilatancy; moist; stiff; gray (10YR 5/1). | | |
| 11 | | | 45 | | 0.0 | | (8.5-10.2') SAND, medium to coarse, subrounded to rounded; little pebbles, subrounded to subangular; some silt, nonplastic, rapid dilatancy; moist; soft; grayish brown (10YR 5/2). | | |
| 12 | | | | | 0.0 | | (10.2-12.9') CLAY, high plasticity, no dilatancy; moist; stiff; gray (5YR 5/1). | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | (12.9-15.0') CLAY, high plasticity, no dilatancy; trace pebbles, angular to subangular; dry; stiff to very stiff; gray (5YR 5/1). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 658.2
North Coor: 319772.7
East Coor: 13389550.0

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# Soil Boring Log

Boring No.: MW-108S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/04/2018
Date Completed: 12/04/2018
Logger: C. O'Neill
Editor: C. O'Neill
Weather Conditions: 30° F, Partly Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; poorly sorted; dry; brown (10YR 4/3). | 12.0" dia. drilled hole (0.5-1.5') Bentonite Pellets (1.5-15.0') Filter Pack Sand | |
| 3 | | | | | 0.0 | | (1.0-5.0') SAND, medium to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; some small to very large pebbles, subrounded to subangular; moist to wet; grayish brown (10YR 5/2) to dark grayish brown (10YR 4/2). | | |
| 4 | | | | | 0.0 | | Note: Wet at 4.0' bgs. | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 41 | | 0.0 | | (5.0-8.5') SAND, fine to coarse, subrounded to subangular; some silt, nonplastic, rapid dilatancy; trace granules, subrounded to subangular; poorly sorted; wet; dark grayish brown (10YR 4/2). | 2.0" dia. SCH-40 PVC Casing (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.5-8.6') CLAY, medium plasticity, slow dilatancy; some silt; trace sand, fine to very coarse, subrounded to subangular; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 10 | | | | | 0.0 | | (8.6-8.9') SAND, fine to coarse, subrounded to subangular; some silt, nonplastic, rapid dilatancy; trace granules, subrounded to subangular; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 11 | | | 46 | | 0.0 | | (8.9-10.2') SILT, nonplastic, rapid dilatancy; little clay; trace sand, very fine to fine, subrounded to subangular; poorly sorted; wet; dark grayish brown (10YR 4/2). Note: Higher clay presence from 9.2-9.4' bgs. | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | (10.2-10.4') SILT, nonplastic to low plasticity, rapid dilatancy; some clay; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 14 | | | | | 0.0 | | (10.4-15.0') CLAY, medium to high plasticity, no dilatancy; some to trace silt; poorly sorted moist; soft to medium stiff; dark grayish brown (10YR 4/2). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 657.3
North Coor: 320066.4
East Coor: 13389177.5

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICEDATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-109S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/17/2018
Date Completed: 12/17/2018
Weather Conditions: 40° F, Cloudy

Logger: I. Drost
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL, very fine to medium, subrounded; trace silt; well sorted; dry; dark brown (10YR 3/3). | 8.0" Flush Mount (0.0-1.0') Cement 6.0" dia. drilled hole (1.0-2.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.5-15.0') Filter Pack Sand (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.5-2.0') SAND, very fine to medium, subrounded; little silt; trace sand; poorly sorted; dry; brown (10YR 4/3). | | |
| 3 | | | | | 0.0 | | (2.0-8.5') SAND, fine to medium, subrounded; trace silt; well sorted; dry; yellowish brown (10YR 5/8). | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 48 | | 0.0 | | Note: Color change to grayish brown (10YR 5/2) at 5.0' bgs. | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | Note: Wet at 7.0' bgs. | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (8.5-14.0') SAND, fine to coarse, subrounded to subangular; some sand, very coarse, subangular; trace granules, subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 11 | | | 52 | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | (14.0-15.0') SAND, very fine, rounded; little silt; well sorted; wet; grayish brown (10YR 5/2). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.0
North Coor: 319390.0
East Coor: 13387773.9

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# Soil Boring Log

Boring No.: MW-110S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 01/23/2019
Date Completed: 01/23/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 34° F, Rainy/Cloudy/Fog

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount (0.1-1.0') Cement 12.0" dia. drilled hole | |
| 2 | | | | | 0.0 | | (0.5-8.5') SAND, very fine to fine, subrounded to subangular; trace small pebbles and granules, subrounded to subangular; well sorted; dry; yellowish brown (10YR 5/4). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | (1.0-7.0') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 32 | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | (7.0-15.0') Filter Pack Sand | |
| 9 | | | | | 0.0 | | (8.5-9.5') SAND, very fine to fine, subrounded to subangular; well sorted; moist; very pale brown (10YR 7/3). | | |
| 10 | | | | | 0.0 | | (9.5-12.0') SAND, very fine to fine, subrounded to subangular; little silt, no dilatancy, nonplastic; well sorted; moist; light brownish gray (10YR 6/2). Note: Wet at 10.0' bgs. | (8.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 30 | | 0.0 | | (12.0-14.0') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine, subrounded to subangular; wet; poorly sorted; pale brown (10YR 6/3). | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | (14.0-14.5') SILT, rapid dilatancy; and CLAY, medium plasticity; poorly sorted; wet; pale brown (10YR 6/3). | | |
| | | | | | | | (14.5-15.0') SAND, medium to coarse, subrounded to rounded; and GRANULES to SMALL PEBBLES, subrounded; poorly sorted; wet; gray (10YR 5/1). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 10.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 668.5
North Coor: 318459.4
East Coor: 13388240.5

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# Soil Boring Log

Boring No.: MW-111

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 01/25/2019
Date Completed: 01/25/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 13° F, Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 12 | | 0.0 | | (0.0-1.0') CONCRETE. | | |
| 2 | | | 24 | | 0.0 | | (1.0-2.0') SAND, fine to medium, rounded to subangular; little granules to small pebbles, subrounded; trace silt; brown (10YR 5/3). | | |
| 3 | | | | | 0.3 | | (2.0-4.0') SILT, nonplastic, slow dilatancy; and SAND, very fine; and CONCRETE; poorly sorted; wet; black (10YR 2/1). Note: Greenish tint at 2.0' bgs. | | |
| 4 | | | 16 | | 0.2 | | | | |
| 5 | | | | | 0.5 | | (4.0-6.0') SAND, fine to coarse, subrounded to subangular; and granules to small pebbles, subrounded to subangular; little silt; poorly sorted; wet; yellowish brown (10YR 5/4). | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | 35 | | 0.0 | | (6.0-8.5') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; trace granules, subrounded to subangular; poorly sorted; wet; pale brown (10YR 6/5). | | |
| 8 | | | | | 0.5 | | | | |
| 9 | | | | | 1.0 | | (8.5-10.0') SILT, nonplastic, rapid dilatancy; little sand, very fine to fine, subrounded to subangular; well sorted; wet; grayish brown (10YR 5/2). | | |
| 10 | | | | | 1.3 | | | | |
| | | | | | | | End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 3.0' bgs. Wet at 3.0' bgs, cannot HA further.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NR
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: MW-111S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 01/29/2019
Date Completed: 01/29/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 16° F, Cloudy/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement 12.0" dia. drilled hole | |
| 2 | | | | | 0.0 | | (0.3-9.0') SAND, very fine to medium, subrounded to angular; trace granules, subrounded to subangular; well sorted; dark brown (10YR 3/3) to brownish yellow (10YR 6/8). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | Note: Some roots at 4.0-5.0' bgs. | (1.0-7.0') Bentonite Pellets | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 34 | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing | |
| 7 | | | | | 0.0 | | | (7.0-15.0') Filter Pack Sand | |
| 8 | | | | | 0.0 | | Note: Red staining around 8.0' bgs. | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.0-9.5') SAND, very fine to fine, subrounded to subangular; little silt, no dilatancy, nonplastic; trace small granules, subrounded to subangular; poorly sorted; moist; yellowish brown (10YR 5/4). | (8.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 11 | | | 46 | | 0.0 | | (9.5-11.3') SAND, very fine to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; trace silt; poorly sorted; wet; brown (10YR 4/3). Note: Wet at 10.0' bgs. | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | (11.3-13.0') SILT, nonplastic, slow dilatancy; and SAND, very fine to medium, subrounded to subangular; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 14 | | | | | 0.0 | | (13.0-15.0') CLAY, high plasticity, slow dilatancy; trace silt; gray (10YR 5/1). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 660.4
North Coor: 319444.2
East Coor: 13389636.7

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# Soil Boring Log

Boring No.: MW-112S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/17/2018
Date Completed: 12/17/2018
Logger: I. Drost
Editor: S.Yaqoob
Weather Conditions: 20° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL, very fine to fine, subrounded; little silt; well sorted; dry; dark brown (10YR 2/3). | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing (1.0-2.5') Betonite Pellets 8.0" dia. drilled hole (2.5-15.0') Filter Pack Sand (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.5-4.0') SAND, very fine to medium, subrounded; trace silt; well sorted; dry; brown (10YR 4/3). Note: Color changes to yellowish brown (10YR 5/8). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | (4.0-6.5') SAND, very fine to fine, subrounded; little silt; well sorted; moist; brownish yellow (10YR 6/6). | | |
| 6 | | | | | 0.0 | | Note: Wet at 6.0' bgs. | | |
| 7 | | | 36 | | 0.0 | | (6.5-9.0') SAND, fine to medium, subrounded; trace coarse silt, subrounded; poorly graded; wet; light yellowish brown (10YR 6/11). | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.0-11.0') SAND, very fine to fine, round; little silt; well sorted; wet; grayish brown. | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | (11.0-15.0') SAND, fine to medium, subrounded; some sand, coarse, subangular; trace gravel, subrounded; poorly sorted; wet; grayish brown. | | |
| 13 | | | 42 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Matt
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.0
North Coor: 318782.3
East Coor: 13388101.6

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# Soil Boring Log

Boring No.: MW-115S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/13/2018
Date Completed: 12/13/2018
Weather Conditions: 35° F

Logger: J. Barker
Editor: S.Yaqoob

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 8.2 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount | |
| | | | | | | | (0.5-1.0') SAND, fine; well sorted; dry; very loose; dark brown (10YR 3/3). | 8.0" dia. drilled hole | |
| 2 | | | | | 14.4 | | (1.0-4.0') SAND, fine; well sorted; dry; very loose; dark yellowish brown (10YR 4/6). | (0.5-1.0') Filter Pack Sand | |
| 3 | | | 60 | | 18.0 | | Note: Color change to yellowish brown (10YR 5/6) from (2.0-3.0'). | (1.0-2.0') Betonite Pellets | |
| 4 | | | | | 13.3 | | Note: Color change to brown (10YR 5/3) at 3.0' bgs. | 2.0" dia. SCH-40 PVC Casing | |
| 5 | | | | | 22.0 | | (4.0-8.0') SAND, fine to medium; trace SILT; dry; very loose; grayish brown (10YR 5/3). | (2.0-15.0') Filter Pack Sand | |
| 6 | | | | | NA | | Note: Wet at 5.0' bgs. | (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 22.0 | | | | |
| 8 | | | 48 | | 0.0 | | | | |
| 9 | | | | | 5.7 | | (8.0-14.5) SAND; fine to coarse; subrounded to subangular; trace silt; poorly sorted; wet; very loose; dark grayish brown (10YR 4/2). Note: (8.5-12') little pebbles small to large, subrounded to subangular. | | |
| 10 | | | | | 25.2 | | | | |
| 11 | | | | | NA | | | | |
| 12 | | | | | 10.5 | | | | |
| 13 | | | 40 | | 5.6 | | | | |
| 14 | | | | | 6.4 | | | | |
| 15 | | | | | 0.8 | | (14.5-15.0') CLAY; trace SILT; trace sand, fine; medium plasticity, no dilatancy; moist; soft; gray (10YR 5/1). End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.0
North Coor: 319497.5
East Coor: 13388378.0

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# Soil Boring Log

Boring No.: MW-116S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/17/2018
Date Completed: 12/17/2018
Logger: I. Drost
Editor: S.Yaqoob
Weather Conditions: Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL, fine to medium, subrounded; trace granules; poorly sorted; dry; dark brown (10YR 3/3). | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing (1.0-2.5') Betonite Pellets 8.0" dia. drilled hole (2.5-15.0') Filter Pack Sand (3.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.5-9.0') SAND, very fine to fine, rounded; trace granules, subrounded; little silt; well sorted; dry; yellowish brown (10YR 2/6). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 48 | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | Note: Boring appeared wet at 8.0' bgs. | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.0-11.0') SAND, very fine to fine; round; little silt; well sorted; wet; grayish brown (10YR 5/2). | | |
| 11 | | | 42 | | 0.0 | | | | |
| 12 | | | | | 0.0 | | (11.0-15.0') SAND, fine to medium, subrounded; some coarse to very coarse sand, subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.6
North Coor: 318740.8
East Coor: 13388265.2

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-117S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/13/2018
Date Completed: 12/13/2018
Logger: J.Barker
Editor: S.Yaqoob
Weather Conditions: 30° F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 116.0 | | (0.0-0.5') TOPSOIL, organics. | 8.0" Flush Mount | |
| | | | | | | | (0.5-9.0') SAND, fine; trace silt; well sorted; dry; very loose; yellowish brown (10YR 5/6). | 8.0" dia. drilled hole | |
| 2 | | | | | 11.2 | | | (0.5-1.0') Sand Filter Pack | |
| 3 | | | 60 | | 12.6 | | | (1.0-2.0') Betonite Pellets | |
| 4 | | | | | 41.3 | | | 2.0" dia. SCH-40 PVC Casing (2.0-15.0') | |
| 5 | | | | | 52.3 | | Note: Roots present from 0.0-0.7' bgs. | Filter Pack Sand (2.5-12.5') | |
| 6 | | | | | NA | | Note: Water level at 5.0' bgs. | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 15.0 | | | | |
| 8 | | | 40 | | 0.0 | | | | |
| 9 | | | | | 7.0 | | | | |
| 10 | | | | | 5.9 | | (9.0-12.0') SAND, fine to coarse, subrounded to subangular; trace silt; well sorted; wet; very loose; brown (10YR 5/2). | | |
| 11 | | | | | NA | | | | |
| 12 | | | | | 3.4 | | | | |
| 13 | | | 42 | | 20.8 | | (12-13.5') SAND, fine to coarse, subrounded to subangular; little small to large pebbles, subrounded to subangular; poorly sorted; wet; very loose; dark gray (10YR 4/1). | | |
| 14 | | | | | NA | | (13.5-15.0') SAND, fine to coarse, subrounded to subangular; well sorted; wet; very loose; dark gray (10YR 4/1). Note: Coarse sand occurs in 1-2'' seams between 4-6'' layers of fine to medium coarse sand. | | |
| 15 | | | | | 22.3 | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 665.7
North Coor: 319524.7
East Coor: 13388230.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-118S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/13/2018
Date Completed: 12/13/2018
Logger: J. Barker
Editor: K. Donahue
Weather Conditions: 20° F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 59.9 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.5-9.0') SAND, fine; trace silt; well sorted; dry; very loose; yellowish brown (10YR 5/6). | 8.0" dia. drilled hole (1.0-2.0') Bentonite Pellets | |
| 3 | | | 60 | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (2.0-15.0') Filter Pack Sand (2.5-12.5') | |
| 4 | | | | | 4.1 | | | | |
| 5 | | | | | 3.3 | | | | |
| 6 | | | | | NA | | Note: Boring appeared wet at 5.0' bgs. | | |
| 7 | | | | | 2.1 | | | | |
| 8 | | | 46 | | 21.0 | | | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 14.0 | | Note: Color changes to grayish brown (10YR 5/2) at 8.0' bgs. | | |
| 10 | | | | | 32.5 | | (9.0-11.0') SAND, fine to coarse, subrounded to subangular; trace silt, little small to large pebbles, subangular; poorly sorted; wet; very loose; dark gray (10YR 4/1). | | |
| 11 | | | | | NA | | | | |
| 12 | | | | | 8.6 | | (11.0-15.0') SAND, fine to coarse, subanngular to subrounded; trace medium pebbles; well sorted; wet; very loose; dark gray (10YR 4/1). Note: Medium to coarse sand occurs in seams between fine to medium sand layers ~6.0". | | |
| 13 | | | 48 | | 15.3 | | | | |
| 14 | | | | | 47.4 | | | | |
| 15 | | | | | 23.5 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NR
North Coor:
East Coor:

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-119S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/13/2018
Date Completed: 12/13/2018
Logger: J. Barker
Editor: K. Donahue
Weather Conditions: 30° F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 7.0 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement 8.0" dia. drilled hole (1.0-2.0') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.0-15.0') Filter Pack Sand (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 3.4 | | (0.5-2.0') SAND, very fine; trace silt; well sorted; dry; very loose; dark brown (7.5YR 3/2). | | |
| 3 | | | 60 | | 15.2 | | (2.0-7.5') SAND, very fine to fine; trace silt; well sorted; dry; very loose; brown (10YR 5/3).<br>Note: Boring appeared wet at 5.0' bgs. | | |
| 4 | | | | | 22.7 | | | | |
| 5 | | | | | 17.3 | | | | |
| 6 | | | | | NA | | | | |
| 7 | | | | | 18.4 | | | | |
| 8 | | | 40 | | 19.6 | | (7.5-9.5') SAND, fine to coarse; little small to large pebbles, subrounded to subangular; trace silt; trace clay; poorly sorted; wet; very loose; dark grayish brown (10YR 4/2). | | |
| 9 | | | | | 0.4 | | | | |
| 10 | | | | | 7.6 | | (9.5-14.0') SAND, fine to coarse, subrounded to subangular; trace silt; trace granules, subrounded to subangular; well sorted; wet; very loose; grayish brown (10YR 5/2).<br>Note: Coarse sand occurs in ~0.5" seams within 4.0-6.0" layers of fine to medium sand. | | |
| 11 | | | | | NA | | | | |
| 12 | | | | | 35.8 | | | | |
| 13 | | | 44 | | 3.8 | | | | |
| 14 | | | | | 4.7 | | | | |
| 15 | | | | | 27.9 | | (14.0-15.0') SAND, very fine; trace silt; trace clay; well sorted; wet; loose; gray (10YR 5/1).<br>Note: 2" layer of clay, medium plasticity, no dilatancy; moist; medium stiff at 14.8' bgs. | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NR
North Coor:
East Coor:

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-121S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/17/2018
Date Completed: 12/17/2018
Logger: I. Drost
Editor: K. Donahue
Weather Conditions: 40° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL, very fine to medium, subrounded; trace silt; well sorted; dry; dark brown (10YR 3/3). | 8.0" Flush Mount (0.0-1.0') Cement 6.0" dia. drilled hole (1.0-2.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.5-15.0') Filter Pack Sand (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.5-4.0') SAND, fine to medium, subrounded; trace silt; trace granules; poorly sorted; dry; yellowish brown (10YR 5/8). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | (4.0-5.5') SAND, very fine to medium, subrounded; little silt; poorly sorted; moist; dark yellowish brown (10YR 4/6). | | |
| 6 | | | 55 | | 0.0 | | (5.5-8.0') SAND, very fine to fine, round; little medium to coarse sand; trace granules; little silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.0-13.5') SAND, fine to medium, subrounded; some coarse to very coarse sand; subangular; little granules to small pebbles, subrounded; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | 50 | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | (13.5-15.0') SAND very fine, round; and SILT, low plasticity, rapid dilatancy; well sorted; wet; grayish brown (10YR 5/2). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Matt
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NR
North Coor:
East Coor:

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-123S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/13/2018
Date Completed: 12/13/2018

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 33° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-3.0') SAND, very fine to medium, subrounded to subangular; some silt, medium plasticity, rapid dilatancy; trace small cobbles, subrounded to subangular; trace samll pebbles to granules, subrounded to subangular; poorly sorted; moist to wet; very dark grayish brown (10 YR 3/2) to grayish brown (10 YR 5/2). | 12.0" dia. drilled hole (1.0-1.5') Bentonite Pellets | |
| 3 | | | 60 | | 0.0 | | Note: Boring appeared wet at 3.0' bgs. | | |
| 4 | | | | | 0.0 | | (3.0-5.0') SAND, medium to coarse, subrounded to subangular; some small granles to pebbles, subrounded to subangular; poorly sorted; wet; brown (10 YR4/3). | 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand (2.5-12.5') | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | (5.0-6.0') SAND, medium to coarse, subrounded to subangular; some small granules, subrounded to subangular; trace small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; gray (10 YR 5/1). | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | (6.0-8.0') SAND, very fine to fine, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; trace clay; well sorted; wet; gray (10 YR 5/1). | | |
| 8 | | | 50 | | 0.0 | | Note: Black organics 0.5" thick at 7.0-7.5' bgs. | | |
| 9 | | | | | 0.0 | | (8.0-9.5') CLAY, high plasticity, low diltancy; and SILT; trace sand, medium, subrounded to subangular; well sorted; wet; gray (10 YR 5/1). | | |
| 10 | | | | | 0.0 | | (9.5-15.0') CLAY, high plasticity, low dilatancy; some silt; trace small pebbles, subround to round; well sorted; wet; gray (10 YR 6/1). | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 60 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | Note: End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Dakota
Driller: A. Krisch
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 656.7
North Coor: 319674.5
East Coor: 13389043.7

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-125

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 02/07/2019
Logger: C. Weaver
Project Number: MI001454
Date Completed: 02/07/2019
Editor: C. O'Neill
Project Location: Livonia, MI
Weather Conditions: 38° F, Rainy/Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.1') GRAVEL. Note: Slag material. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.1-2.0') SAND, very fine to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; little silt, no dilatancy, nonplastic; poorly sorted; moist; gray (10YR 5/1). | | |
| 3 | | | 60 | | 0.0 | | (2.0-4.0') SILT, nonplastic, rapid dilatancy; trace granules, subrounded to subangular; trace sand, very fine; well sorted; wet; gray (10YR 5/1). Note: Strong odor at 3.0' bgs. | 12.0" dia. drilled hole | |
| 4 | | | | | 0.0 | | | (1.0-7.0') Bentonite Pellets | |
| 5 | | | | | 0.0 | | (4.0-4.8') SAND, very fine to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; trace silt, rapid dilatancy, nonplastic; poorly sorted; wet; gray (10YR 5/1). | 2.0" dia. SCH-40 PVC Casing | |
| 6 | | | | | 0.0 | | (4.8-12.5') SILT, nonplastic, high dilatancy; little sand, very fine to fine; trace clay; well sorted; wet; gray (10YR 5/1). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 49 | | 0.0 | | | (7.0-15.0') Filter Pack Sand (7.0-12.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 54 | | 0.0 | | (12.5-13.0') SAND, very fine to medium, subrounded to subangular; little silt, high dilatancy, nonplastic; trace small pebbles, subrounded to subangular; poorly sorted; gray (10YR 5/1). | | |
| 14 | | | | | 0.0 | | (13.0-15.0') SILT, rapid dilatancy; and CLAY, nonplastic; trace sand, very fine to fine; well sorted; wet; gray (10YR 5/1). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 2.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 665.8
North Coor: 320544.1
East Coor: 13386081.8

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-125S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 02/07/2019
Logger: C. Weaver
Project Number: MI001454
Date Completed: 02/07/2019
Editor: C. O'Neill
Project Location: Livonia, MI
Weather Conditions: 38° F, Rainy/Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.1') GRAVEL. Note: Slag material. | 8.0" Flush Mount (0.0-0.5') Cement 12.0" dia. drilled hole (0.5-2.0') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.0-10.0') Filter Pack Sand (2.0-7.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.1-2.0') SAND, very fine to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; little silt, no dilatancy, nonplastic; poorly sorted; moist; gray (10YR 5/1). | | |
| 3 | | | 60 | | 0.0 | | (2.0-4.0') SILT, nonplastic, rapid dilatancy; trace granules, subrounded to subangular; trace sand, very fine; well sorted; gray (10YR 5/1). | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | (4.0-4.8') SAND, very fine to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; trace silt, rapid dilatancy, nonplastic; trace small pebbles; poorly sorted; wet; gray (10YR 5/1). | | |
| 6 | | | | | 0.0 | | (4.8-10.0') SILT, nonplastic, high dilatancy; little sand, very fine to fine; trace clay; well sorted; wet; gray (10YR 5/1). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 50 | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 2.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 665.9
North Coor: 320544.4
East Coor: 13386083.8

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-126S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/17/2018
Date Completed: 12/17/2018
Logger: I. Drost
Editor: K. Donahue
Weather Conditions: Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL, very fine to medium, subrounded; trace silt; poorly sorted; dry; dark brown (10YR 3/3). | 8.0" Flush Mount (0.0-1.0') Cement 6.0" dia. drilled hole (1.0-2.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.5-15.0') Filter Pack Sand (3.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.5-9.0') SAND, very fine to medium, subrounded; trace coarse sand to granules, subangular; trace silt; poorly sorted; dry; yellowish brown (10YR 5/8). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 45 | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | Note: Boring appeared wet at 8.0' bgs. | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.0-15.0') SAND, fine to coarse, subrounded to subangular; little granules to small pebbles, subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 11 | | | 45 | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NR
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: MW-127S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/12/2018
Date Completed: 12/12/2018
Logger: C. O'Neill
Editor: K. Donahue
Weather Conditions: 33° F, Partly Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-2.0') SAND, very fine to medium, subrounded to subangular; some clay, medium plasticity, no dilatancy; trace silt; poorly sorted; dry to moist; very dark grayish brown (10YR 3/2). Note: Organic material and roots. | 12.0" dia. drilled hole (0.5-1.5') Bentonite Pellets | |
| 3 | | | 60 | | 0.0 | | (2.0-7.2') SAND, fine to very coarse, subrounded to subangular; and GRANULES to medium PEBBLES, subrounded to subangular; some silt, nonplastic, rapid dilatancy; poorly sorted; wet; grayish brown (10YR 5/2). | 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 54 | | 0.0 | | (7.2-8.0') SILT, nonplastic, rapid dilatancy; and SAND, very fine to fine, subrounded to subangular; some clay; poorly sorted; wet; grayish brown (10YR 5/2). | (3.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 0.0 | | (8.0-10.6') CLAY, nonplastic, slow dilatancy; and SILT; trace sand, very fine to fine, subrounded to subangular; poorly sorted; wet; soft; dark grayish brown (10YR 4/2). | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | (10.6-15.0') CLAY, medium to high plasticity, no dilatancy; trace silt; well sorted; wet to moist; soft; dark grayish brown (10YR 4/2). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 50 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NR
North Coor:
East Coor:

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Boring No.: MW-128S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 12/12/2018
Logger: C. Weaver
Project Number: MI001454
Date Completed: 12/12/2018
Editor: K. Donahue
Project Location: Livonia, MI
Weather Conditions: 33° F, Cloudy/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | NA | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | NA | | (0.3-7.5') SAND, very fine to medium, subrounded to subangular; trace silt; dark grayish brown (10YR 4/2) to dark yellowish brown (10YR 4/4). Note: Some organics (roots) from 4.0-5.0' bgs; well sorted; dry. | 8.0" dia. drilled hole (0.5-1.5') Bentonite Pellets | |
| 3 | | | | | NA | | | 2.0" dia. SCH-40 PVC Casing (1.5-15.0') Filter Pack Sand | |
| 4 | | | | | NA | | | | |
| 5 | | | | | NA | | | | |
| 6 | | | 32 | | NA | | | | |
| 7 | | | | | NA | | | | |
| 8 | | | | | NA | | (7.5-8.0') SAND, fine to medium, subrounded to subangular; some small to medium pebbles, subrounded to subangular; trace silt; poorly sorted; dry; brown (10YR 5/3). | (4.0-14.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | NA | | (8.0-8.5') SAND, fine to medium, subrounded to subangular; trace silt, no dilatancy, nonplastic; well sorted; moist; brown (10YR 4/3). | | |
| 10 | | | | | NA | | (8.5-8.6') SAND, medium to coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; poorly sorted, moist, grayish brown (10YR 5/2). | | |
| 11 | | | 55 | | NA | | (8.6-8.9') SAND, very fine to fine, subrounded to subangular; some silt, nonplastic, no dilatancy; well sorted; moist; grayish brown (10YR 5/2). | | |
| 12 | | | | | NA | | (8.9-9.5') SAND, medium to coarse, subrounded to subangular; and small to medium pebbles/granules, subrounded to subangular; trace silt; poorly sorted; moist; grayish brown (10YR 5/2). | | |
| 13 | | | | | NA | | (9.5-10.5') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, no dilatancy; well sorted; moist; grayish brown (10YR 5/2). | | |
| 14 | | | | | NA | | (10.5-11.4') SAND, fine to medium, subrounded to subangular; and GRANULES, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 15 | | | | | | | (11.4-12.0') SILT, low plasticity, rapid dilatancy; well sorted; wet; gray (10YR 5/1). | | |
| 16 | | | | | | | (12.0-12.2') CLAY, medium plasticity, slow dilatancy; and SILT; gray (10YR 5/1). | | |
| 17 | | | | | | | (12.2-12.3') SILT, nonplastic, slow dilatancy; some clay; gray (10YR 5/1); trace sand, very fine, subrounded to subangular; poorly sorted; wet. | | |
| 18 | | | | | | | (12.3-15.0') CLAY, high plasticity, rapid dilatancy; some silt; medium stiff; gray (10YR 5/1). | | |
| 19 | | | | | | | End of boring at 15.0' bgs. | | |
| 20 | | | | | | | | | |

Drilling Co.: Dakota
Driller: Al Smith
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: Sleve from 5.0-10.0' bgs became stuck in HSA, mixing/loss may have occured.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NR
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: MW-129

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/08/2019
Date Completed: 02/08/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 16° F, Snowy/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.5') CONCRETE. | 8.0" Flush Mount (0.0-1.0') Cement 12.0" dia. drilled hole | |
| 2 | | | | | 0.0 | | (0.5-3.0') SAND, very fine to medium, subrounded to subangular; little silt, nonplastic, no dilatancy; well sorted; moist; light brownish gray (10YR 6/1). | | |
| 3 | | | 60 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | (3.0-4.0') GRANULES, subrounded to subangular; and small PEBBLES, subrounded to subangular; some sand, very fine to very coarse, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). Note: Wet at 3.0' bgs. | | |
| 5 | | | | | 0.0 | | (4.0-5.8') SILT, nonplastic, rapid dilatancy; and SAND, very fine to medium, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). | (1.0-9.0') Bentonite Pellets | |
| 6 | | | | | 0.0 | | (5.8-6.2') SAND, fine to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; little silt, rapid dilatancy, nonplastic; poorly sorted; wet; gray (10YR 5/1). | | |
| 7 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing | |
| 8 | | | 60 | | 0.0 | | (6.2-12.0') SILT, nonplastic, rapid dilatancy; some sand, very fine to coarse, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; wet; pale brown (10YR 6/3). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | (9.0-15.0') Filter Pack Sand | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | (10.0-15.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 13 | | | 38 | | 0.0 | | (12.0-14.0') SILT, nonplastic, rapid dilatancy; trace sand, very fine to medium; subrounded to subangular; well sorted; wet; gray (10YR 5/1). | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | (14.0-14.2') SILT, medium plasticity, rapid dilatancy; and CLAY; trace sand, very fine to fine; well sorted; wet; gray (10YR 5/1). | | |
| | | | | | | | (14.2-14.8') SILT, nonplastic, rapid dilatancy; trace sand, very fine to fine; well sorted; wet; gray (10YR 5/1). | | |
| 16 | | | | | | | (14.8-15.0') CLAY, medium plasticity, slow dilatancy; some silt; well sorted; moist; gray (10Yr 5/1). | | |
| 17 | | | | | | | End of boring at 15.0' bgs. | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 665.2
North Coor: 320593.0
East Coor: 13386347.9

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# Soil Boring Log

Boring No.: MW-129S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/08/2019
Date Completed: 02/08/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 18° F, Snowy/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') CONCRETE. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.5-3.0') SAND, very fine to medium, subrounded to subangular; little silt, nonplastic, no dilatancy; well sorted; moist; light brownish gray (10YR 6/2) to gray (10YR 6/1). | 12.0" dia. drilled hole (0.5-2.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (2.0-10.0') | |
| 4 | | | | | 0.0 | | (3.0-4.0') GRANULES, subrounded to subangular; and small PEBBLES, subrounded to subangular; some sand, very fine to very coarse, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). Note: Wet at 3.5' bgs. | Filter Pack Sand (2.0-7.0') | |
| 5 | | | | | 0.0 | | (4.0-5.8') SILT, nonplastic, rapid dilatancy; and SAND, very fine to medium, subrounded to subangular; poorly sorted; gray (10YR 5/1). | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | | | 0.0 | | (5.8-6.2') SAND, fine to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; little silt, nonplastic, rapid dilatancy; poorly sorted; wet; gray (10YR 5/1). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 60 | | 0.0 | | (6.2-10.0') SILT, nonplastic, rapid dilatancy; some sand, very fine to coarse, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; wet; pale brown (10YR 6/3). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 665.2
North Coor: 320593.0
East Coor: 13386345.6

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Boring No.: MW-130S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 12/13/2018
Date Completed: 12/13/2018
Logger: C. Weaver
Editor: K. Donahue
Weather Conditions: 33° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-3.0') SAND, very fine to fine, subrounded to subangular; trace silt; well sorted; moist; dark grayish brown (10YR 4/2) to brown (10YR 5/3). | 12.0" dia. drilled hole (0.5-1.5') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (1.5-15.0') | |
| 4 | | | | | 0.0 | | (3.0-6.7') SAND, medium to coarse, subrounded to subangular; and SMALL PEBBLES, subrounded to subangular; some silt, nonplastic, rapid dilatancy; poorly sorted; wet; brown (10YR 4/3). Note: Wet at 4.0' bgs, slight smell. | Filter Pack Sand | |
| 5 | | | | | 0.0 | | | (3.0-13.0') | |
| 6 | | | | | 0.0 | | | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | 44 | | 0.0 | | (6.7-7.2') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, slow dilatancy; trace granules to small pebbles, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 8 | | | | | 0.0 | | (7.2-8.6') SAND, fine to medium, subrounded to subangular; some granules, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 9 | | | | | 0.0 | | (8.6-8.8') SAND, medium to coarse, subrounded to subangular; some small pebbles, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 10 | | | | | 0.0 | | (8.8-9.4') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, slow dilatancy; well sorted; wet; grayish brown (10YR 5/2). | | |
| 11 | | | | | 0.0 | | (9.4-10.0') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, slow dilatancy; well sorted; wet; grayish brown (10YR 5/2). | | |
| 12 | | | | | 0.0 | | (10.0-11.0') SAND, medium to coarse, subrounded to subangular; and SILT, nonplastic, slow dilatancy; trace small pebbles, subrounded to subangular; poorly sorted; wet; very dark gray (10YR 3/1). | | |
| 13 | | | 60 | | 0.0 | | (11.0-11.3') SILT, medium plasticity, slow dilatancy; some clay; little sand, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; wet; gray (10YR 5/1). | | |
| 14 | | | | | 0.0 | | (11.3-12.1') SILT, medium plasticity, rapid dilatancy; and CLAY; well sorted; wet; gray (10YR 5/1). | | |
| 15 | | | | | 0.0 | | (12.1-12.3') SILT, slow plasticity, rapid dilatancy; some sand, very fine to medium, subrounded to subangular; some clay; poorly sorted; wet; gray (10YR 5/1). | | |
| 16 | | | | | | | (12.3-13.0') CLAY, high plasticity, slow dilatancy; some silt; well sorted; wet; gray (10YR 5/1). | | |
| 17 | | | | | | | (13.0-15.0') CLAY, high plasticity, slow dilatancy; trace silt; well sorted; wet; gray (10YR 5/1). | | |
| 18 | | | | | | | End of boring at 15.0' bgs. | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Dakota
Driller: Al Smith
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NR
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: MW-131S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/11/2018
Date Completed: 12/11/2018

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 25° F, Cloudy/Slight Wind

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement 12.0" dia. drilled hole (0.5-1.5') Bentonite Pellets (1.5-15.0') Filter Pack Sand 2.0" dia. SCH-40 PVC Casing (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.5-6.0') SAND, fine to medium, subrounded to subangular; trace silt; well sorted; dry; brownish yellow (10YR 6/6) to brown (10YR 5/3). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 37 | | 0.0 | | (6.0-8.5') SAND, medium to coarse, subrounded to subangular; some granules, subrounded to subangular; trace small to large pebbles, subrounded to subangular; trace silt; poorly sorted; wet; light brownish gray (10YR 6/2). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.5-8.6') SAND, fine to medium, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; poorly sorted; wet; light brownish gray (10YR 6/2). | | |
| 10 | | | | | 0.0 | | (8.6-12.0') SAND, medium to coarse, subrounded to subangular; some granules to small pebbles, subrounded to subangular; trace silt, nonplastic, rapid dilatancy; poorly sorted; wet; light brownish gray (10YR 6/2). | | |
| 11 | | | 36 | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | (12.0-13.0') SAND, fine to medium, subrounded to subangular; and SILT, nonplastic, slow dilatancy; well sorted; wet; light brownish gray (10YR 6/2). | | |
| 14 | | | | | 0.0 | | (13.0-14.3') SILT, nonplastic, slow dilatancy; well sorted; wet; light brownish gray (10YR 6/2). | | |
| 15 | | | | | 0.0 | | (14.3-15.0') CLAY, high plasticity, no dilatancy; little silt; moist; stiff; dark gray (10YR 4/1). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Dakota
Driller: Al Smith
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NR
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: MW-132S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 12/11/2018
Date Completed: 12/11/2018
Weather Conditions: 28° F, Cloudy

Logger: C. O'Neill
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL, dark brown (10YR 3/3). | 8.0" Flush Mount (0.0-0.5') Cement 12.0" dia. drilled hole (0.5-1.5') Bentonite Pellets (1.5-15.0') Filter Pack Sand 2.0" dia. SCH-40 PVC Casing (2.5-12.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-3.9') SAND, fine to coarse, subrounded to subangular; little small to large pebbles, subrounded to subangular; trace silt; poorly sorted; dry; yellowish brown (10YR 5/4). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | (3.9-6.0') SAND, very fine to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; some silt; poorly sorted; moist to wet; brown (10YR 5/3). Note: Wet at 5.0' bgs. | | |
| 6 | | | 31 | | 0.0 | | (6.0-8.0') SAND, very fine to very coarse, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; some granules to small pebbles, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.0-8.6') SILT, nonplastic, rapid dilatancy; some sand, very fine to coarse, subrounded to subangular; trace granules, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 10 | | | | | 0.0 | | (8.6-9.8') SAND, very fine to very coarse, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; some granules to small pebbles, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 11 | | | 46 | | 0.0 | | (9.8-11.4') SILT, nonplastic, rapid dilatancy; some sand, very fine to coarse, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 12 | | | | | 0.0 | | (11.4-11.8') SILT, nonplastic, rapid dilatancy; trace sand, very fine to fine, subrounded to subangular; well sorted; wet; grayish brown (10YR 5/2). | | |
| 13 | | | | | 0.0 | | (11.8-13.4') CLAY, medium to high plasticity, slow dilatancy; some silt; poorly sorted; moist; medium stiff; grayish brown (10YR 5/2). | | |
| 14 | | | | | 0.0 | | (13.4-15.0') CLAY, medium to high plasticity, no dilatancy; trace silt; well sorted; moist; soft to medium stiff; grayish brown (10YR 5/2). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 660.2
North Coor: 320248.7
East Coor: 13388819.6

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# Soil Boring Log

Boring No.: MW-133S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/11/2019
Date Completed: 02/11/2019
Weather Conditions: 28° F, Cloudy/Slight Wind

Logger: C. Weaver
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-6.3') SAND, very fine to medium, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; dry; yellowish brown (10YR 5/6). | 12.0" dia. drilled hole (1.0-4.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (4.0-15.0') | |
| 4 | | | | | 0.0 | | | Filter Pack Sand (4.0-9.0') | |
| 5 | | | | | 0.0 | | | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | | | 0.0 | | Note: Boring appeared wet at 5.5' bgs. | | |
| 7 | | | 58 | | 0.0 | | (6.3-7.2') SAND, very fine to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 8 | | | | | 0.0 | | (7.2-7.4') SILT, slow dilatancy, no plasticity; and SAND, very fine to fine, subrounded to subangular; trace granules, subrounded to subangular; well sorted; wet; light brownish gray (10YR 6/2). | | |
| 9 | | | | | 0.0 | | (7.4-10.0') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, slow dilatancy; poorly sorted; wet; light grayish brown (10YR 6/2). | | |
| 10 | | | | | 0.0 | | (10.0-10.5') SAND, very fine to very coarse, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). | | |
| 11 | | | 60 | | 0.0 | | (10.5-15.0') CLAY, high plasticity, no dilatancy; trace silt; trace small pebbles, subangular; well sorted; wet; gray (10YR 5/1). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: M. Leadingham
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.6' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 658.4
North Coor: 319539.7
East Coor: 13389686.7

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# Soil Boring Log

Boring No.: MW-134S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/11/2019
Date Completed: 02/11/2019

Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 29° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement 12.0" dia. drilled hole (0.5-5.0') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (5.0-10.0') Filter Pack Sand (5.0-10.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, very fine, subrounded to rounded; and SILT, nonplastic, rapid dilatancy; dry; loose; dark gray (10YR 4/1). Note: Little organic matter and roots present. | | |
| 3 | | | | | 0.0 | | (1.0-2.0') SAND, very fine to fine, subrounded to subangular; little silt; well sorted; dry; loose; brownish yellow (10YR 6/6). | | |
| 4 | | | | | 0.0 | | (2.0-4.0') SAND, fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/6). | | |
| 5 | | | | | 0.0 | | (4.0-6.0') SAND, very fine to fine, subrounded to subangular; little silt; well sorted; dry; loose; yellowish brown (10YR 5/4). | | |
| 6 | | | 46 | | 0.0 | | (6.0-6.8') SAND, very fine, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; moist; brown (10YR 5/3). | | |
| 7 | | | | | 0.0 | | (6.8-7.4') SILT, nonplastic, rapid dilatancy; little sand, very fine, subrounded to subangular; wet; grayish brown (10YR 5/2). Note: Wet at 7.3' bgs. | | |
| 8 | | | | | 0.0 | | (7.4-8.5') SAND, medium to coarse, angular to subangular; some granules, angular to subangular; poorly sorted; moist; dark gray (10YR 4/1). | | |
| 9 | | | | | 0.0 | | (8.5-10.0') SAND, fine to medium, subrounded to subangular; little silt, nonplastic, rapid dilatancy; well sorted; moist; gray (10YR 5/1). | | |
| 10 | | | | | | | End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.3' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.1
North Coor: 319463.6
East Coor: 13389661.7

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# Soil Boring Log

Boring No.: MW-135S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/12/2019
Date Completed: 02/12/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 33° F, Freezing Rain

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-5.0') SAND, very fine to fine, subrounded to subangular; trace silt; well sorted; dry to moist; yellowish brown (10YR 5/6) to very pale brown (10YR 7/3). | 12.0" dia. drilled hole (1.0-5.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 44 | | 0.0 | | (5.0-6.3') SAND, very fine to coarse, subrounded to subangular; trace granules, subrounded to subangular; trace silt; poorly sorted; wet; very pale brown (10YR 7/3). | (5.0-10.0') Filter Pack Sand | |
| 7 | | | | | 0.0 | | (6.3-7.0') SAND, very fine to coarse, subrounded to subangular; and GRANULES, subrounded to subangular; some small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; gray (10YR 6/1). | (5.0-10.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | | | 0.0 | | (7.0-7.2') SILT, nonplastic, slow dilatancy; and SAND, very fine to fine; well sorted; wet; gray (10YR 6/1). | | |
| 9 | | | | | 0.0 | | (7.2-7.5') SAND, very fine to very coarse, subrounded to subangular; and GRANULES to SMALL PEBBLES, subrounded to subangular; poorly sorted; wet; gray (10YR 6/1). | | |
| 10 | | | | | 0.0 | | (7.5-7.6') SILT, nonplastic, slow dilatancy; and SAND, very fine to medium, subrounded to subangular; well sorted; wet; gray (10YR 6/1). | | |
| 11 | | | | | | | (7.6-7.8') SAND, very fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; trace small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; gray (10YR 6/1). | | |
| 12 | | | | | | | (7.8-8.2') SILT, nonplastic, slow dilatancy; and SAND, very fine to fine, subrounded to subangular; trace small pebbles, subrounded; poorly sorted; wet; gray (10YR 6/1). | | |
| 13 | | | | | | | (8.2-9.5') SILT, nonplastic, rapid dilatancy; and SAND, very fine to medium, subrounded to subangular; trace small pebbles; poorly sorted; wet; gray (10YR 6/1). | | |
| 14 | | | | | | | (9.5-10.0') SAND, very fine to very coarse, subrounded to subangular; some granules to small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; gray (10YR 6/1). | | |
| 15 | | | | | | | End of boring at 10.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 658.0
North Coor: 319393.9
East Coor: 13389656.9

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# Soil Boring Log

Boring No.: MW-136S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/13/2019
Date Completed: 02/13/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 23° F, Snowing/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement 12.0" dia. drilled hole (1.0-2.0') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.0-10.0') Filter Pack Sand (2.0-7.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-8.0') SAND, very fine to medium, subrounded to subangular; little clay, nonplastic, slow dilatancy; trace silt; trace granules to small pebbles, subrounded to subangular; poorly sorted; wet; dark yellowish brown (10YR 4/4). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | Note: Boring appeared wet at 3.5' bgs. | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.0-8.1') SILT, nonplastic, no dilatancy; well sorted; moist; black (10YR 2/1). Note: Organic matter, no odor. | | |
| 10 | | | | | 0.0 | | (8.1-8.2') CLAY, high plasticity, slow dilatancy; trace silt; well sorted; wet; grayish brown (10YR 5/2). | | |
| 11 | | | | | | | (8.2-8.3') SAND, very fine to very coarse, subrounded to subangular; some granules, subrounded to subangular; trace silt; poorly sorted; wet; dark gray (10YR 4/1). | | |
| 12 | | | | | | | (8.3-8.5') SILT, nonplastic, rapid dilatancy; little clay; trace granules, subangular; poorly sorted; wet; gray (10YR 5/1). | | |
| 13 | | | | | | | (8.5-9.0') SAND, very fine to very coarse, subrounded to subangular; and SILT, medium plasticity, rapid dilatancy; trace clay; trace granules, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). | | |
| 14 | | | | | | | (9.0-10.0') CLAY, high plasticity, slow dilatancy; trace small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; gray (10YR 5/1). | | |
| 15 | | | | | | | End of boring at 10.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 655.9
North Coor: 319781.3
East Coor: 13389312.5

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# Soil Boring Log

Boring No.: MW-137S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/13/2019
Date Completed: 02/13/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 23° F, Heavy Snow

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-3.0') SAND, very fine to medium, subrounded to subangular; trace granules, subrounded; trace silt; well sorted; wet; dark yellowish brown (10YR 4/6). | 12.0" dia. drilled hole (1.0-2.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (2.0-10.0') | |
| 4 | | | | | 0.0 | | (3.0-5.0') SAND, very fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; poorly sorted; wet; dark yellowish brown (10YR 4/6). | Filter Pack Sand (2.0-7.0') | |
| 5 | | | | | 0.0 | | | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | 58 | | 0.0 | | (5.0-5.6') SILT, nonplastic, slow dilatancy; some sand, very fine to fine; well sorted; wet; grayish brown (10YR 5/2). | | |
| 7 | | | | | 0.0 | | (5.6-7.0') SAND, very fine to very coarse, subrounded to subangular, some silt, nonplastic, rapid dilatancy; trace small to medium pebbles, subrounded to subangular; trace granules, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 8 | | | | | 0.0 | | (7.0-7.8') SILT, nonplastic, rapid dilatancy; little sand, very fine to medium, subrounded to subangular; well sorted; wet; grayish brown (10YR 5/2). | | |
| 9 | | | | | 0.0 | | (7.8-7.9') CLAY, high plasticity, rapid dilatancy; and SILT; well sorted; wet; grayish brown (10YR 5/2). | | |
| 10 | | | | | 0.0 | | (7.9-8.8') SILT, nonplastic, rapid dilatancy; little sand, very fine to fine; trace clay; well sorted; wet; grayish brown (10YR 5/2). | | |
| 11 | | | | | | | (8.8-9.5') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 12 | | | | | | | (9.5-9.6') CLAY, nonplastic, slow dilatancy; trace silt; well sorted; wet; grayish brown (10YR 5/2). | | |
| 13 | | | | | | | (9.6-10.0') SILT, nonplastic, rapid dilatancy; trace clay; trace sand, very fine to medium, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 14 | | | | | | | End of boring at 10' bgs. | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 656.5
North Coor: 319779.5
East Coor: 13389162.8

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICEDATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-138S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/13/2019
Date Completed: 02/13/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 21° F, Heavy Snow/Slight Wind

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-2.0') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; dark yellowish brown (10YR 4/6). | 12.0" dia. drilled hole (1.0-2.0') Bentonite Pellets | |
| 3 | | | 60 | | 0.0 | | (2.0-5.0') SAND, very fine to very coarse, subrounded to subangular; little silt, nonplastic, rapid dilatancy; poorly sorted; wet; dark yellowish brown (10YR 4/6). | 2.0" dia. SCH-40 PVC Casing (2.0-10.0') Filter Pack Sand (2.0-7.0') | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | Note: Wet at 4.1' bgs. | | |
| 6 | | | | | 0.0 | | (5.0-6.3') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, slow dilatancy; trace small pebbles, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | (6.3-6.4') CLAY, high plasticity, slow dilatancy; trace silt; well sorted; wet; gray (10YR 5/1). | | |
| 8 | | | 58 | | 0.0 | | (6.4-6.5') SILT, nonplastic, rapid dilatancy; and SAND, very fine to fine; well sorted; wet; gray (10YR 5/1). | | |
| 9 | | | | | 0.0 | | (6.5-7.0') CLAY, nonplastic, slow dilatancy; trace silt; well sorted; wet; gray (10YR 5/1). | | |
| 10 | | | | | 0.0 | | (7.0-7.4') SILT, nonplastic, rapid dilatancy; trace sand, very fine to medium, subrounded to subangular; well sorted; wet; gray (10YR 5/1). | | |
| 11 | | | | | | | (7.4-10.0') CLAY, medium plasticity, slow dilatancy; well sorted; wet; gray (10YR 5/1). | | |
| 12 | | | | | | | End of boring at 10.0' bgs. | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.1' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 654.4
North Coor: 319420.3
East Coor: 13389258.9

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# Soil Boring Log

Boring No.: MW-139S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/14/2019
Date Completed: 02/14/2019
Weather Conditions: 25° F, Cloudy

Logger: S. Johnson
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-2.0') SILT, low plasticity, rapid dilatancy; some sand, very fine, subrounded to subangular; dry; soft; very dark brown (10YR 2/2). | 12.0" dia. drilled hole (1.0-2.0') Bentonite Pellets | |
| 3 | | | 60 | | 0.0 | | (2.0-3.0') SAND, very fine, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; dry; loose; yellowish brown (10YR 5/6). | 2.0" dia. SCH-40 PVC Casing (2.0-10.0') Filter Pack Sand (2.0-7.0') | |
| 4 | | | | | 0.0 | | (3.0-5.0') SAND, very fine, subrounded to subangular; little silt, nonplastic, rapid dilatancy; well sorted; wet; loose; dark grayish brown (10YR 4/2). Note: Wet at 4.0' bgs. | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | (5.0-6.0') NO RECOVERY. | | |
| 7 | | | | | 0.0 | | (6.0-7.5') SAND, fine to coarse, subrounded to angular; some granules to small pebbles, subrounded to subangular; trace medium pebbles, angular to subangular; poorly sorted; moist; loose; dark gray (10YR 4/1). Note: Color change form bluish black (GLEY2 2.5/1) to dark gray (10YR 4/1) at 6.3' bgs. | | |
| 8 | | | 44 | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (7.5-8.1') SAND, very fine to fine, subrounded to subangular; trace granules, subrounded to subangular; well sorted; dry; medium dense; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.0 | | (8.1-8.7') SAND, fine to coarse, subrounded to angular; little granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; dry; medium dense; dark gray (10YR 4/1). | | |
| 11 | | | | | | | (8.7-8.9') SAND, very fine to fine, subrounded to subangular; trace granules, subrounded to subangular; well sorted; medium dense; dark gray (10YR 4/1). | | |
| 12 | | | | | | | (8.9-9.6') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; dry; loose; dark gray (10YR 4/1). | | |
| 13 | | | | | | | (9.6-10.0') SAND, very fine to fine, subrounded to subangular; trace granules, subrounded to subangular; well sorted; dry; medium dense; dark gray (10YR 4/1). | | |
| 14 | | | | | | | End of boring at 10.0' bgs. | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: M. Leadingham and A. Edmonds
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.6' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 660.6
North Coor: 319347.2
East Coor: 13388427.3

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# Soil Boring Log

Boring No.: MW-140S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/13/2019
Date Completed: 02/13/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 25° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement 12.0" dia. drilled hole (1.0-2.0') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.0-10.0') Filter Pack Sand (2.0-7.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-1.0') SILT, nonplastic, rapid dilatancy; some sand, very fine, subrounded to subangular; dry; very soft; very dark grayish brown (10YR 3/2). | | |
| 3 | | | | | 0.0 | | (1.0-3.0') SAND, very fine, subrounded to rounded; and SILT, nonplastic, rapid dilatancy; well sorted; dry; loose; yellowish brown (10YR 5/4). | | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND, very fine to fine, subrounded to rounded; some silt, nonplastic, rapid dilatancy; well sorted; moist; loose; dark yellowish brown (10YR 4/4). | | |
| 5 | | | | | 0.0 | | (4.0-6.0') SAND, fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; medium dense; dark yellowish brown (10YR 4/4). Note: Wet at 4.0' bgs. | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | 60 | | 0.0 | | (6.0-6.9') SAND, fine to medium, subrounded to subangular; well sorted; moist; loose; brown (10YR 5/3). | | |
| 8 | | | | | 0.0 | | (6.9-7.1') SILT, nonplastic, slow dilatancy; some clay; dry; medium stiff; gray (10YR 5/1). | | |
| 9 | | | | | 0.0 | | (7.1-7.9') SAND, fine to coarse, angular to subrounded; some granules to small pebbles, angular to subrounded; trace medium pebbles, subrounded to subangular; poorly sorted; loose; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.0 | | (7.9-8.5') SAND, fine to medium, subrounded to subangular; trace pebbles; well sorted; dry; medium dense; dark gray (10YR 4/1). | | |
| 11 | | | | | | | (8.5-8.6') SAND, fine to coarse, angular to subrounded; some granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; dry; loose; dark gray (10YR 4/1). | | |
| 12 | | | | | | | (8.6-9.6') SAND, fine to medium, angular to subrounded; trace granules, subrounded to subangular; well sorted; dry; medium dense; dark gray (10YR 4/1). | | |
| 13 | | | | | | | (9.6-10.0') SAND, fine to coarse, angular to subangular; little granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; dry; loose; dark gray (10YR 4/1). | | |
| 14 | | | | | | | End of boring at 10.0' bgs. | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: M. Leadingham and A. Edmonds
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 662.5
North Coor: 319404.6
East Coor: 13388312.1

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# Soil Boring Log

Boring No.: MW-141S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/13/2019
Date Completed: 02/13/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 22° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-3.0') SAND, very fine, subrounded to rounded; little silt; well sorted; dry; loose; dark yellowish brown (10YR 4/6). | 12.0" dia. drilled hole (1.0-3.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (3.0-10.0') | |
| 4 | | | | | 0.0 | | (3.0-6.8') SAND, very fine, subrounded to rounded; and SILT, nonplastic, rapid dilatancy; well sorted; moist; dark yellowish brown (10YR 4/4). | Filter Pack Sand (3.0-8.0') | |
| 5 | | | | | 0.0 | | | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | | | 0.0 | | Note: Wet at 5.0' bgs. | | |
| 7 | | | 60 | | 0.0 | | (6.8-7.4') SILT, nonplastic, rapid dilatancy; some sand, very fine, subrounded to rounded; moist; soft; brown (10YR 4/3). | | |
| 8 | | | | | 0.0 | | (7.4-7.9') SILT, low plasticity, slow dilatancy; some clay; moist; medium stiff; grayish brown (10YR 5/2). | | |
| 9 | | | | | 0.0 | | (7.9-8.5') SILT, nonplastic, rapid dilatancy; little sand, very fine to fine, subrounded to subangular; soft; grayish brown (10YR 5/2). | | |
| 10 | | | | | 0.0 | | (8.5-9.1') SAND, fine to coarse, angular to subangular; little granules, angular to subangular; little small pebbles, angular to subangular; dry; poorly sorted; dark gray (10YR 4/1). | | |
| 11 | | | | | | | (9.1-9.6') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine, subrounded to subangular; dry; medium stiff; dark gray (10YR 4/1). | | |
| 12 | | | | | | | (9.6-10.0') SAND, very fine to coarse, subrounded to subangular; little granules, angular to subangular; trace small pebbles; poorly sorted; dark gray (10YR 4/1). | | |
| 13 | | | | | | | End of boring at 10.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: M. Leadingham and A. Edmonds
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 664.0
North Coor: 319691.1
East Coor: 13388294.2

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-142S

Sheet: 1 of 1

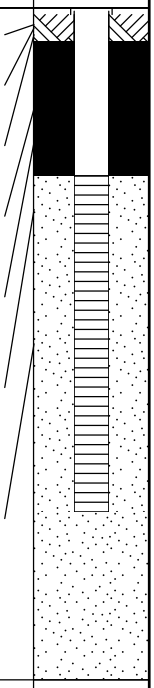
Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/14/2019
Date Completed: 02/14/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 27° F, Cloudy/Slight Wind

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description |
|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, very fine to very coarse, subrounded to subangular; little clay, medium plasticity, no dilatancy; trace granules; poorly sorted; dry; dark yellowish brown (10YR 4/4). |
| 3 | | | | | 0.0 | | (1.0-4.0') SAND, very fine to very coarse, subrounded to subangular; some granules to small pebbles, subrounded to subangular; poorly sorted; dry; yellowish brown (10YR 5/6). |
| 4 | | | | | 0.0 | | |
| 5 | | | | | 0.0 | | (4.0-6.0') GRANULES, subrounded to subangular; and SMALL PEBBLES, subrounded to subangular; some sand, very fine to very coarse, subrounded to subangular; trace silt; poorly sorted; wet; yellowish brown (10YR 5/6). |
| 6 | | | 54 | | 0.0 | | |
| 7 | | | | | 0.0 | | (6.0-6.3') SILT, nonplastic, slow dilatancy; and SAND, very fine to medium, subrounded to subangular; well sorted; wet; very dark grayish brown (10YR 3/2). |
| 8 | | | | | 0.0 | | (6.3-7.0') SAND, very fine to very coarse, subrounded to subangular; some granules, subrounded to subangular; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/2). |
| 9 | | | | | 0.0 | | (7.0-8.8') SILT, nonplastic, rapid dilatancy; some sand, very fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; wet; grayish brown (10YR 5/2). |
| 10 | | | | | 0.0 | | (8.8-9.0') SAND, fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; little silt, nonplastic, rapid dilatancy; poorly sorted; wet; grayish brown (10YR 5/2). |
| 11 | | | | | | | (9.0-9.5') SILT, nonplastic, rapid dilatancy; trace sand, very fine to fine; well sorted; wet; grayish brown (10YR 5/2). |
| 12 | | | | | | | (9.5-9.6') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; wet; grayish brown (10YR 5/2). |
| 13 | | | | | | | (9.6-10.0') CLAY, medium plasticity, slow dilatancy; trace silt; well sorted; wet; gray (10YR 5/1). |
| 14 | | | | | | | End of boring at 10.0' bgs. |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

Construction Details / Well




Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 657.9
North Coor: 320089.7
East Coor: 13389102.5

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-143S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/14/2019
Date Completed: 02/14/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 41° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement 12.0" dia. drilled hole | |
| | | | | | | | (0.3-1.0') SAND, very fine, subrounded to subangular; little silt, nonplastic, rapid dilatancy; well sorted; dry; loose; dark yellowish brown (10YR 4/4). | | |
| 2 | | | | | 0.0 | | (1.0-8.3') SAND, very fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/8). | | |
| 3 | | | | | 0.0 | | | (1.0-5.5') Bentonite Pellets | |
| 4 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | (5.5-15.0') Filter Pack Sand | |
| 7 | | | | | 0.0 | | | (5.5-10.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | | | 0.0 | | Note: Wet at 7.5' bgs. | | |
| 9 | | | | | 0.0 | | (8.3-9.0') SAND, fine to coarse, subrounded to angular; some granules, subangular to angular; some small pebbles, subangular to angular; trace medium pebbles, subrounded to subangular; poorly sorted; moist; loose; brown (10YR 5/3). | | |
| 10 | | | | | 0.0 | | (9.0-11.4') SAND, fine to medium, subangular to angular; trace granules; well sorted; dry; medium dense; brown (10YR 5/3). | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | (11.4-12.0') No lithology recorded. | | |
| 13 | | | | | 0.0 | | (12.0-12.4') SAND, fine to medium, subangular to angular; trace granules, subrounded to subangular; well sorted; dry; medium dense; brown (10YR 5/3). | | |
| 14 | | | | | 0.0 | | (12.4-14.7') SILT, low plasticity, slow dilatancy; little clay; wet; stiff; dark gray (10YR 4/1). | | |
| 15 | | | | | 0.0 | | (14.7-15.0') SAND, fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; moist; medium dense; dark gray (10YR 4/1). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: M. Leadingham and A. Edmonds
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.9
North Coor: 319530.0
East Coor: 13389652.7

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICEDATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-144S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/14/2019
Date Completed: 02/14/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 39° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement 12.0" dia. drilled hole | |
| 2 | | | | | 0.0 | | (0.3-8.3') SAND, very fine to medium, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; dry; yellowish brown (10YR 5/8). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | (1.0-7.0') Bentonite Pellets | |
| 5 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | Note: Moist around 7.0' bgs. Note: Approximately 1" red banding at 7.5' and 8.0' bgs. Note: Wet at 8.0' bgs. | (7.0-15.0') Filter Pack Sand (7.0-12.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 0.0 | | (8.3-8.4') SILT, nonplastic, slow dilatancy; and SAND, very fine to fine; well sorted; moist; light yellowish brown (10YR 6/4). | | |
| 10 | | | | | 0.0 | | (8.4-8.5') CLAY, medium plasticity, slow dilatancy; and SAND, very fine to very coarse, subrounded to subangular; little granules, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 11 | | | | | 0.0 | | (8.5-12.2') SAND, very fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; little small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | (12.2-13.8') SAND, very fine to coarse, subrounded to subangular; some silt, nonplastic, slow dilatancy; trace granules, subrounded to subangular; well sorted; wet; brown (10YR 5/3). | | |
| 14 | | | | | 0.0 | | (13.8-14.2') SILT, nonplastic, slow dilatancy; some sand, very fine to coarse, subrounded to subangular; well sorted; wet; brown (10YR 5/3). | | |
| 15 | | | | | | | (14.2-15.0') CLAY, high plasticity, no dilatancy; well sorted; moist; soft; gray (10YR 5/1). End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 660.6
North Coor: 319422.2
East Coor: 13389618.6

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-145S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/15/2019
Date Completed: 02/15/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 30° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement 12.0" dia. drilled hole | |
| | | | | | 0.0 | | (0.3-1.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; dark brown (10YR 3/3). | | |
| 2 | | | | | | | (1.0-4.0') SAND, very fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/6). | | |
| | | | | | 0.0 | | | (0.5-6.0') Bentonite Pellets | |
| 3 | | | | | | | | | |
| | | | | | 0.0 | | | | |
| 4 | | | | | | | | | |
| | | | | | 0.0 | | (4.0-7.0') SAND, very fine to fine, subrounded to subangular; little granules, subrounded to subangular; well sorted; moist; medium dense; brown (10YR 5/3). | 2.0" dia. SCH-40 PVC Casing | |
| 5 | | | | | | | | | |
| | | | | | 0.0 | | | | |
| 6 | | | | | | | | | |
| | | | | | 0.0 | | | | |
| 7 | | | 44 | | | | (7.0-7.3') SILT, medium plasticity, slow dilatancy; and CLAY; wet; medium stiff; dark gray (10YR 4/1). Note: Wet at 7.0' bgs. | (6.0-11.0') Filter Pack Sand (6.0-11.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| | | | | | 0.0 | | | | |
| 8 | | | | | | | (7.3-7.9') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; little small pebbles, subrounded to subangular; poorly sorted; moist; loose; grayish brown (10YR 5/2). | | |
| | | | | | 0.0 | | | | |
| 9 | | | | | | | | | |
| | | | | | | | (7.9-10.0') SAND, fine to medium, subrounded to subangular; little granules, subrounded to subangular; well sorted; moist; medium dense; grayish brown (10YR 5/2). | | |
| 10 | | | | | | | | | |
| | | | | | | | (10.0-11.0') No lithology recorded. | | |
| 11 | | | | | | | End of boring at 11.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann and N. Sanders
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.2
North Coor: 319711.8
East Coor: 13389522.9

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-146S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/15/2019
Date Completed: 02/15/2019
Logger: C. Weaver
Editor: T. Stevens
Weather Conditions: 31° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description |
|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. |
| 2 | | | | | 0.0 | | (0.3-6.2') SAND, very fine to medium, subrounded to subangular; trace small pebbles, round to subangular; well sorted; dry; yellowish brown (10YR 5/6). |
| 3 | | | | | 0.0 | | |
| 4 | | | | | 0.0 | | |
| 5 | | | | | 0.0 | | |
| 6 | | | 58 | | 0.0 | | |
| 7 | | | | | 0.0 | | (6.2-7.1') SILT, slow dilatency, no plasticity; little sand, very fine to fine; well sorted; wet; light gray (10YR 7/1). |
| 8 | | | | | 0.0 | | (7.1-7.2') SAND, very fine to very coarse, subrounded to subangular; little small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; light gray (10YR 7/1). |
| 9 | | | | | 0.0 | | (7.2-7.4') SILT, rapid dilatency, no plasticity; and SAND, very fine to fine; well sorted; wet; light gray (10YR 7/1). |
| 10 | | | | | 0.0 | | (7.4-9.0') SILT, slow dilatency, no plasticity; some sand, fine to coarse, subrounded to subangular; trace granules to small pebbles, subrounded to subanguar; poorly sorted; moist to wet; light gray (10YR 7/1). Note: Wet at 7.5' bgs. |
| 11 | | | | | | | (9.0-9.2') SAND, fine to very coarse, subrounded to subangular; some silt; trace granules, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). |
| 12 | | | | | | | (9.2-9.8') SILT, rapid dilatency, no plasticity; trace sand, very fine to fine; well sorted; wet; gray (10YR 5/1). |
| 13 | | | | | | | (9.8-10.0') CLAY, slow dilatancy, medium plasticity; trace silt; well sorted; wet, soft; gray (10YR 5/1). |
| 14 | | | | | | | (10.0-11.0') No lithology recorded. |
| 15 | | | | | | | End of boring at 11.0' bgs. |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

Construction Details / Well:
- 8.0" Flush Mount (0.0-1.0')
- Cement
- 12.0" dia. drilled hole
- (1.0-6.0') Bentonite Pellets
- 2.0" dia. SCH-40 PVC Casing
- (6.0-11.0') Filter Pack Sand
- (6.0-11.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen

Drilling Co.: Cascade
Driller: M. Leadingham
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 658.3
North Coor: 319716.6
East Coor: 13389454.8

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Boring No.: MW-147S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/15/2019
Date Completed: 02/15/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 28° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-3.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; very dark grayish brown (10YR 3/2). | 12.0" dia. drilled hole (1.0-2.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (2.0-10.0') | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND, fine to coarse, angular to subangular; some granules, subrounded to subangular; little small pebbles, subrounded to subangular; trace medium pebbles, subrounded to subangular; poorly sorted; loose; moist; dark grayish brown (10YR 4/2). | Filter Pack Sand (2.0-7.0') | |
| 5 | | | | | 0.0 | | (4.0-5.0') SAND, fine to medium, subrounded to subangular; little granules, subrounded to subangular; well sorted; wet; loose; brown (10YR 4/3). Note: Wet at 4.0' bgs. | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | | | 0.0 | | (5.0-5.5') SAND, fine to coarse, angular to subrounded; some granules, subrounded to subangular; some small pebbles, subrounded to subangular; little medium pebbles, subrounded to subangular; poorly sorted; moist; loose; olive brown (10YR 4/3). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 60 | | 0.0 | | (5.5-6.1') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; medium dense; moist; light olive brown (10YR 5/4). | | |
| 9 | | | | | 0.0 | | (6.1-6.5') SAND, very fine to fine, subrounded to subangular; some silt; well sorted; medium dense; moist; dark gray (2.5Y 4/1). | | |
| 10 | | | | | 0.0 | | (6.5-6.7') SAND, fine to medium, subrounded to subangular; well sorted; loose; moist; dark gray (2.5Y 4/1). | | |
| 11 | | | | | | | (6.7-6.8') SILT, nonplastic, rapid dilatancy; medium stiff; wet; dark gray (2.5Y 4/1). | | |
| 12 | | | | | | | (8.0-8.2') SAND, fine to medium, subrounded to subangular; well sorted; medium dense; wet; dark gray (2.5Y 4/1). | | |
| 13 | | | | | | | (8.2-10.0') CLAY, high plasticity, no dilatancy; little silt; very stiff; wet; dark gray (2.5Y 4/1). | | |
| 14 | | | | | | | End of boring at 10.0' bgs. | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: M. Leadingham and A. Edmonds
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 656.7
North Coor: 319746.7
East Coor: 13389318.3

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# Soil Boring Log

Boring No.: MW-148S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/15/2019
Date Completed: 02/15/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 30° F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement 12.0" dia. drilled hole (0.5-2.0') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.0-10.0') Filter Pack Sand (2.0-7.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-1.5') SAND, very fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 3 | | | | | 0.0 | | (1.5-3.0') SAND, very fine to very coarse, subrounded to subangular; little silt, medium plasticity, slow dilatancy; little clay; trace granules, subrounded to subangular; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 4 | | | | | 0.0 | | (3.0-5.0') SAND, medium to very coarse, subrounded to subangular; some silt, nonplastic, rapid dilatancy; little granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 60 | | 0.0 | | (5.0-6.8') SILT, nonplastic, slow dilatancy; some sand, very fine to very coarse, subrounded to subangular; trace granules, subrounded; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 7 | | | | | 0.0 | | (6.8-7.0') SAND, medium to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; little silt; poorly sorted; wet; very dark gray (10YR 3/1). | | |
| 8 | | | | | 0.0 | | (7.0-8.0') SILT, nonplastic, rapid dilatancy; trace clay; well sorted; wet; gray (10YR 6/1). Note: Approximately 1" thick black staining at 7.0' bgs. | | |
| 9 | | | | | 0.0 | | (8.0-8.4') CLAY, medium plasticity, slow dilatancy; and SILT; well sorted; wet; gray (10YR 5/1). | | |
| 10 | | | | | 0.0 | | (8.4-9.0') SAND, very fine to very coarse, subrounded to subangular; some silt, nonplastic, rapid dilatancy. | | |
| 11 | | | | | | | (9.0-10.0') SILT, medium plasticity, rapid dilatancy; some clay; trace sand, very fine to fine; well sorted; wet; gray (10YR 5/1). | | |
| 12 | | | | | | | End of boring at 10.0' bgs. | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 656.0
North Coor: 319758.9
East Coor: 13389204.6

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-149S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/15/2019
Date Completed: 02/15/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 30° F, Sunny/Windy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-0.5') Cement | |
| | | | | | | | (0.3-2.0') SAND, very fine to fine, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; brown (10YR 4/3). | | |
| 2 | | | | | 0.0 | | | | |
| 3 | | | 60 | | 0.0 | | (2.0-6.3') SAND, fine to very coarse, subrounded to subangular; some granules, subrounded to subangular; trace medium pebbles, subrounded to subangular; poorly sorted; wet; brown (10YR 4/3). | 12.0" dia. drilled hole (0.5-2.0') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.0-10.0') Filter Pack Sand (2.0-7.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | Note: Wet at 4.0' bgs. | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | (6.3-7.5') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine; well sorted; wet; light brownish gray (10YR 6/2). | | |
| 8 | | | 47 | | 0.0 | | (7.5-8.1') CLAY, high plasticity, slow dilatancy; trace silt; well sorted; wet; gray (10YR 5/1). | | |
| 9 | | | | | 0.0 | | (8.1-8.2') SILT, medium plasticity, rapid dilatancy; some clay; well sorted; wet; gray (10YR 5/1). | | |
| 10 | | | | | 0.0 | | (8.2-8.8') CLAY, high plasticity, slow dilatancy; little silt; well sorted; wet; gray (10YR 5/1). | | |
| | | | | | | | (8.8-9.0') SILT, nonplastic, rapid dilatancy; trace clay; well sorted; wet; gray (10YR 5/1). | | |
| | | | | | | | (9.0-10.0') CLAY, high plasticity, no dilatancy; trace silt; well sorted; wet; gray (10YR 5/1). | | |
| | | | | | | | End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 654.8
North Coor: 319572.8
East Coor: 13389248.5

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-150S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/18/2019
Date Completed: 02/18/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 19° F, Snowing

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-3.0') SAND, very fine to medium, subrounded to subangular; trace clay; trace granules, subrounded to subangular; well sorted; dry to moist; brown (10YR 5/3). | 12.0" dia. drilled hole (0.5-2.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (2.0-10.0') | |
| 4 | | | | | 0.0 | | (3.0-6.0') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; wet; brown (10YR 5/3). Note: Boring appeared wet at 4.0' bgs | Filter Pack Sand (2.0-7.0') | |
| 5 | | | | | 0.0 | | | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | | | 0.0 | | (6.0-6.9') SAND, very fine to coarse, subrounded to subangular; some silt, nonplastic, rapid dilatancy; trace granules to small pebbles, subrounded to subangular; poorly sorted; wet; yellowish brown (10YR 5/4). | | |
| 7 | | | | | 0.0 | | (6.9-7.0') SILT, nonplastic, rapid dilatancy; little sand, very fine to fine; well sorted; wet; pale brown (10YR 6/3) | | |
| 8 | | | | | 0.0 | | (7.0-8.8') SAND, very fine to very coarse, subrounded to subangular; some silt, nonplastic, rapid dilatancy; trace granules, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). | | |
| 9 | | | | | 0.0 | | (8.8-9.0') SAND, fine to very coarse, subrounded to subangular; little silt, nonplastic, slow dilatancy; poorly sorted; wet; dark gray (10YR 4/1). | | |
| 10 | | | | | | | (9.0-9.2') SILT, nonplastic, rapid dilatancy; trace sand, very fine to fine; well sorted; wet; gray (10YR 6/1). | | |
| 11 | | | | | | | (9.2-9.5') SILT, nonplastic, rapid dilatancy; little sand, very fine to medium, subrounded to subangular; well sorted; wet; gray (10YR 6/1). | | |
| 12 | | | | | | | (9.5-10.0') CLAY, high plasticity, slow dilatancy; trace silt; well sorted; wet; gray (10YR 6/1). | | |
| 13 | | | | | | | End of boring at 10.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 656.7
North Coor: 319552.6
East Coor: 13389431.2

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# Soil Boring Log

Boring No.: MW-151S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/20/2019
Date Completed: 02/20/2019
Weather Conditions: 29° F, Cloudy

Logger: S. Johnson
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount | |
| | | | | | 0.0 | | (0.3-1.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; very dark grayish brown (10YR 3/2). | 12.0" dia. drilled hole (0.0-1.0') Cement | |
| 2 | | | | | | | (1.0-2.0') CLAY, high plasticity, no dilatancy; little silt; dry; soft; very dark grayish brown (10YR 3/2). | (1.0-2.5') Bentonite Pellets | |
| 3 | | | | | 0.2 | | (2.0-4.0') SILT, nonplastic, rapid dilatancy; little sand, very fine, subrounded to subangular; soft; moist; grayish brown (10YR 5/2). | 2.0" dia. SCH-40 PVC Casing (2.5-7.5') Filter Pack Sand (2.5-7.5') | |
| 4 | | | | | 0.0 | | Note: Boring appeared wet at 3.5' bgs. | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 5 | | | | | 0.2 | | (4.0-4.5') SAND, fine to coarse, subrounded to subangular; little granules; poorly sorted; wet; loose; dark grayish brown (10YR 4/2). | | |
| 6 | | | 60 | | 0.0 | | (4.5-5.0') SILT and CLAY, medium plasticity, slow dilatancy; wet; soft; dark gray (10YR 4/1). | | |
| | | | | | 0.0 | | (5.0-5.7') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; wet; medium dense; grayish brown (10YR 5/2). | | |
| 7 | | | | | | | (5.7-7.0') GRANULES, angular to subangular; some sand, fine to coarse, subrounded to subangular; some small pebbles, subrounded to subangular; little medium pebbles, subrounded to subangular; poorly sorted; moist; loose; very dark gray (10YR 3/1). | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (7.0-7.8') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; moist; medium dense; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.0 | | (7.8-8.7') SAND, very fine to fine, subrounded to subangular; well sorted; moist; medium dense; dark gray (10YR 4/1). | | |
| | | | | | | | (8.7-10.0') SAND, very fine to fine, subrounded to subangular; some silt; well sorted; moist; medium dense; dark gray (10YR 4/1). | | |
| 11 | | | | | | | End of boring at 10.0' bgs, | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: C.Aldrich and A.Peris
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 658.0
North Coor: 319720.9
East Coor: 13388948.5

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# Soil Boring Log

Boring No.: MW-152S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/18/2019
Date Completed: 02/18/2019
Weather Conditions: 22° F, Cloudy

Logger: S. Johnson
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 7.3 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement 12.0" dia. drilled hole (0.5-2.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.5-7.5') Filter Pack Sand (2.5-7.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 1.9 | | (0.3-1.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; very dark grayish brown (10YR 3/2). | | |
| 3 | | | | | 0.0 | | (1.0-2.0') SAND, very fine to fine, subrounded to subangular; well sorted; dry; loose; dark yellowish brown (10YR 4/4). | | |
| 4 | | | | | 0.0 | | (2.0-3.0') SAND, very fine, subrounded to subangular; some silt; well sorted; moist; loose; yellowish brown (10YR 5/4). | | |
| 5 | | | | | 0.0 | | (3.0-5.7') SILT, nonplastic, rapid dilatancy; some sand, very fine, subrounded to subangular; soft; wet; dark grayish brown (10YR 4/2). | | |
| 6 | | | 55 | | 0.0 | | Note: Boring appeared wet at 5.5' bgs. | | |
| 7 | | | | | 0.0 | | (5.7-6.2') SAND, fine to coarse, angular to subrounded; some granules, subrounded to subangular; little small pebbles, subrounded to subangular; poorly sorted; wet; loose; dark grayish brown (10YR 4/2). | | |
| 8 | | | | | 0.0 | | (6.2-6.8') SAND, fine to medium, subrounded to subangular; little granules, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; wet; medium dense; dark grayish brown (10YR 5/2). | | |
| 9 | | | | | 0.0 | | (6.8-7.2') SAND, very fine to fine, subrounded to subangular; some silt; well sorted; medium dense; wet; dark grayish brown (10YR 4/2). | | |
| 10 | | | | | 0.0 | | (7.2-8.0') SAND, fine to coarse, subrounded to subangular; little granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; medium dense; moist; dark grayish brown (10YR 4/2). | | |
| 11 | | | | | | | (8.0-9.2') SAND, very fine to fine, subrounded to subangular; little silt; trace granules, subrounded to subangular; well sorted; moist; medium dense; dark grayish brown (10YR 4/2). | | |
| 12 | | | | | | | (9.2-10.0') SAND, very fine, subrounded to subangular; some silt; well sorted; medium dense; moist; dark grayish brown (10YR 4/2). | | |
| 13 | | | | | | | End of boring at 10.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: Rich and Nehemiah
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 658.9
North Coor: 319508.4
East Coor: 13388998.4

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# Soil Boring Log

Boring No.: MW-153S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/18/2019
Date Completed: 02/18/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 19° F, Snowing

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-0.5') Cement | |
| | | | | | 0.0 | | (0.3-2.0') SAND, very fine to medium, subrounded to subangular; trace clay; well sorted; dry to moist; yellowish brown (10YR 5/6). | | |
| 2 | | | | | | | | | |
| 3 | | | | | 0.0 | | (2.0-6.5') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine; well sorted; wet; light brownish gray (10YR 6/2). | 12.0" dia. drilled hole (0.5-2.0') Bentonite Pellets | |
| 4 | | | | | 0.0 | | Note: Boring appeared wet at 4.0' bgs. | 2.0" dia. SCH-40 PVC Casing (2.0-7.0') | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | Filter Pack Sand (2.0-7.0') | |
| 7 | | | | | 0.0 | | (6.5-7.0') SAND, medium to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; trace small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | | | 0.0 | | (7.0-7.1') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine; well sorted; wet; light brownish gray (10YR 5/2). | | |
| 9 | | | | | 0.0 | | (7.1-10.0') SILT, nonplastic, rapid dilatancy; some sand, fine to very coarse, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 10 | | | | | 0.0 | | End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
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| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.3
North Coor: 319523.8
East Coor: 13388722.6

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# Soil Boring Log

Boring No.: MW-154S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/18/2019
Date Completed: 02/18/2019
Logger: S. Johnson
Editor: T. Stevens
Weather Conditions: 28° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount | |
| | | | | | | | (0.3-1.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; grayish brown (10YR 3/2). | | |
| 2 | | | | | 0.0 | | (1.0-3.0') SAND, very fine, subrounded to subangular; and SILT; well sorted; dry to moist; yellowish brown (10YR 5/6). | 12.0" dia. drilled hole (0.0-1.0') Cement (1.0-2.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | (3.0-6.3') SILT, rapid dilatency, non-plastic; and SAND, very fine, subrounded to subangular; soft; moist; grayish brown (10YR 5/2). Note: Boring appeared wet at 4.0' bgs. | 2.0" dia. SCH-40 PVC Casing (2.5-10.0') Filter Pack Sand (2.0-7.0') | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 60 | | 0.0 | | | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | (6.3-8.2') SAND, fine to coarse, angular to subrounded; some granules to small pebbles, subrounded to subangular; little small pebbles, subrounded to subangular; trace medium pebbles, subrounded to subangular; poorly sorted; wet; dark gray (10YR 4/1). | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.2-8.5') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; wet; loose; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.0 | | (8.5-10.0') SAND, very fine to fine, subrounded to subangular; some silt; well sorted; wet; stiff; dark gray (10YR 4/1). End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: Rich and Nehemiah
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 660.7
North Coor: 319425.9
East Coor: 13388694.0

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# Soil Boring Log

Boring No.: MW-155S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/18/2019
Date Completed: 02/18/2019
Weather Conditions: 28° F, Sunny

Logger: C. Weaver
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount | |
| | | | | | | | (0.3-2.0') SAND, very fine to medium, subrounded to subangular; trace silt; well sorted; dry; dark brown (10YR 3/3). | 12.0" dia. drilled hole | |
| 2 | | | | | 0.0 | | | (0.0-1.0') Cement | |
| | | | | | | | (2.0-3.0') SAND, very fine to medium, subrounded to subangular; little clay, medium plasticity, slow dilatancy; trace silt; poorly sorted; moist; very dark gray (10YR 3/1). | (1.0-2.0') Bentonite Pellets | |
| 3 | | | 60 | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing | |
| | | | | | | | (3.0-6.3') SILT, nonplastic, rapid dilatancy; and SAND, very fine to fine; well sorted; wet; brown (10YR 5/3). | (2.0-10.0') Filter Pack Sand | |
| 4 | | | | | 0.0 | | Note: Boring appeared wet at 4.0' bgs. | (2.0-7.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 5 | | | | | | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | (6.3-6.8') SILT, nonplastic, rapid dilatancy; little sand, very fine to medium, subrounded to subangular; well sorted; wet; gray (10YR 6/1). | | |
| 8 | | | 48 | | 0.0 | | (6.8-7.3') SAND, fine to very coarse, subrounded to subangular; some silt, nonplastic, rapid dilatancy; poorly sorted; wet; gray (10YR 6/1). | | |
| 9 | | | | | 0.0 | | (7.3-8.8') SAND, fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; trace medium pebbles, subangular; trace silt; poorly sorted; wet; gray (10YR 6/1). | | |
| 10 | | | | | 0.0 | | (8.8-9.1') SILT, nonplastic, rapid dilatancy; trace sand, fine to medium, subrounded to subangular; well sorted; wet; gray (10YR 6/1). | | |
| | | | | | | | (9.1-10.0') SAND, very fine to coarse, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; wet; gray (10YR 6/1). | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.8' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 661.5
North Coor: 319376.4
East Coor: 13388421.3

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# Soil Boring Log

Boring No.: MW-156S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/19/2019
Date Completed: 02/19/2019

Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 7° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.3 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount | |
| | | | | | | | (0.3-1.0') SAND, very fine, subrounded to subangular; some silt; well sorted; loose; dry; brown (10YR 4/3). | | |
| 2 | | | | | 0.6 | | (1.0-3.0') SAND, very fine to fine, subrounded to subangular; little silt; well sorted; loose; dry; yellowish brown (10YR 5/4). | 12.0" dia. drilled hole (0.0-1.0') Cement (1.0-3.0') Bentonite Pellets | |
| 3 | | | | | 0.5 | | | | |
| 4 | | | | | 0.2 | | (3.0-8.2') SAND, very fine, subrounded to subangular; and SILT; well sorted; moist; medium dense; brown (10YR 5/3). | 2.0" dia. SCH-40 PVC Casing (3.0-10.0') Filter Pack Sand (3.0-8.0') | |
| 5 | | | | | 0.5 | | | | |
| 6 | | | 60 | | 0.2 | | Note: Boring appeared wet at 5.0' bgs. | | |
| | | | | | 0.2 | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | 0.3 | | | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 0.2 | | (8.2-8.4') SAND, fine to coarse, angular to subrounded; some granules, subrounded to subangular; little small pebbles, subrounded to subangular; poorly sorted; medium dense; moist; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.2 | | (8.4-8.5') SILT, some clay, low plasticity, slow dilatancy; moist; soft; dark gray (10YR 4/1). | | |
| | | | | | | | (8.5-9.6') SAND, fine to medium, subrounded to subangular; little granules, subangular to subrounded; trace small pebbles, subrounded to subangular; poorly sorted; loose; dry; dark gray (10YR 4/1). | | |
| 11 | | | | | | | (9.6-10.0') SAND, fine to medium, subrounded to subangular; little silt; well sorted; loose; dry to moist; dark gray (10YR 4/1). | | |
| 12 | | | | | | | End of boring at 10.0' bgs. | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: C.Aldrich and A.Peris
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 662.6
North Coor: 319596.2
East Coor: 13388502.6

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICEDATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-157S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/18/2019
Date Completed: 02/18/2019
Logger: S. Johnson
Editor: T. Stevens
Weather Conditions: 28° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 1.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount | |
| | | | | | | | (0.3-1.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; very dark grayish brown (10YR 3/2). | 12.0" dia. drilled hole (0.0-1.0') | |
| 2 | | | | | 0.8 | | (1.0-2.0') SAND, very fine, subrounded to subangular; little silt; well sorted; dry; loose; yellowish brown (10YR 5/4). | Cement (1.0-2.5') | |
| 3 | | | 60 | | 0.8 | | (2.0-6.9') SAND, very fine to fine, subrounded to subangular; and SILT; well sorted; moist; loose; brown (10YR 5/4). | Bentonite Pellets | |
| 4 | | | | | 0.7 | | | 2.0" dia. SCH-40 PVC Casing (2.5-10.0') | |
| 5 | | | | | 0.0 | | | Filter Pack Sand (2.5-7.5') | |
| 6 | | | | | 0.0 | | Note: Boring appeared wet at 5.0' bgs. | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 60 | | 0.0 | | (6.9-7.8') SAND, very fine to fine, subrounded to subangular; little silt; well sorted; moist; medium dense; brown (10YR 5/4). | | |
| | | | | | | | (7.8-8.0') SILT and CLAY, medium plasticity, slow dilatency; moist; soft; brown (10YR 5/3). | | |
| 9 | | | | | 0.0 | | (8.0-8.4') SAND, very fine to fine, subrounded to subangular; some silt; well sorted; moist; medium dense; brown (10YR 5/3). | | |
| 10 | | | | | 0.0 | | (8.4-9.1') SAND, fine to coarse, angular to subrounded; some granules, subrounded to subangular; some little pebbles, subrounded to subangular; trace medium pebbles, subrounded to subangular; poorly sorted; moist; loose; gray (10YR 5/1). | | |
| 11 | | | | | | | (9.1-10.0') SAND, fine to medium, subrounded to subangular; little granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; moist; medium dense; gray (10YR 4/1). | | |
| 12 | | | | | | | End of boring at 10.0' bgs. | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: Rich and Adrian
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.8
North Coor: 319419.5
East Coor: 13388281.9

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-158S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/19/2019
Date Completed: 02/19/2019

Logger: S. Johnson
Editor: T. Stevens
Weather Conditions: 26° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.4 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount | |
| | | | | | | | (0.3-1.0') SAND, very fine, subrounded to subangular; little silt; well sorted; dry; loose; yellowish brown (10YR 5/6). | | |
| 2 | | | | | 0.0 | | (1.0-3.0') SAND, very fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/6). | 12.0" dia. drilled hole (0.0-1.0') | |
| 3 | | | 60 | | 0.0 | | | Cement (1.0-2.5') | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND, very fine to fine, subrounded to subangular; well sorted; dry; loose; dark yellowish brown (10YR 4/4). | Bentonite Pellets | |
| 5 | | | | | 0.1 | | (4.0-5.5') SAND, fine to medium, subrounded to subangular; trace granule, subrounded to subangular; well sorted; moist; loose; brown (10YR 4/3). | 2.0" dia. SCH-40 PVC Casing (2.5-10.0') | |
| 6 | | | | | 0.0 | | (5.5-7.1') SAND, very fine, subrounded to subangular; some silt; well sorted; wet; medium dense; brown (10YR 4/3). Note: Boring appeared wet at 5.5' bgs. | Filter Pack Sand (2.5-7.5') | |
| 7 | | | | | 0.2 | | | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | 60 | | 0.0 | | (7.1-7.5') SAND, very fine to fine, subrounded to subangular; little silt; well sorted; moist; medium dense; brown (10YR 4/3). | | |
| 9 | | | | | 0.0 | | (7.5-8.5') SAND, fine to coarse, subrounded to subangular; little granule, subrounded to subangular; moist; loose; brown (10YR 4/3). | | |
| 10 | | | | | 0.0 | | (8.5-9.1') SAND, fine to coarse, angular to subrounded; some granules, subrounded to subangular; some small pebbles, subrounded to subangular; trace medium pebbles, subrounded to subangular; poorly sorted; moist; loose; brown (10YR 4/3). | | |
| | | | | | | | (9.1-10.0') SAND, fine to medium, subrounded to subangular; little granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; dry; loose; brown (10YR 4/3). | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
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| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: C. Aldrich
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 665.2
North Coor: 319434.2
East Coor: 13387837.9

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-159S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/19/2019
Date Completed: 02/19/2019
Weather Conditions: 22° F, Partly Cloudy

Logger: C. Weaver
Editor: T. Stevens

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount | |
| 2 | | | | | 0.0 | | (0.3-5.5') SAND, very fine to medium, subrounded to subangular; trace silt; well sorted; dry to moist; yellowish brown (10YR 5/8). | 12.0" dia. drilled hole (0.0-1.0') | |
| 3 | | | | | 0.0 | | | Cement (1.0-4.0') | |
| 4 | | | | | 0.0 | | | Bentonite Pellets | |
| 5 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (4.0-10.0') | |
| 6 | | | 60 | | 0.0 | | (5.5-6.5') SAND, very fine to medium, subrounded to subangular; and SILT, slow dilatency, nonplastic; well sorted; moist; yellowish brown (10YR 5/6). Notes: Boring appeared wet at 6.0' bgs. | Filter Pack Sand (4.0-9.0') | |
| 7 | | | | | 0.0 | | (6.5-7.9') SILT, rapid dilatency, non-plastic; some sand, very fine to fine; well sorted; wet; grayish brown (10YR 5/2). | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | | | 0.0 | | (7.9-8.2') SILT, slow dilatency, medium plasticity; little clay; trace sand, very fine; poorly sorted; wet; gray (10YR 5/1). | | |
| 9 | | | | | 0.0 | | (8.2-9.0') SAND, very fine to coarse, subrounded to subangular; some silt, nonplastic, rapid dilatancy; trace granules, subrounded to subangular; poorly sorted; wet; light brownish gray (10YR 6/2). | | |
| 10 | | | | | 0.0 | | (9.0-10.0') SAND, fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; some small pebbles; little silt, nonplstic, rapid dilatancy; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
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| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossman
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.2' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 665.7
North Coor: 319417.0
East Coor: 13388082.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-160S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/19/2018
Date Completed: 02/19/2018

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 20° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount | |
| 2 | | | | | 0.0 | | (0.3-5.5') SAND, fine to medium, subrounded to subangular; trace silt; well sorted; dry to moist; brownish yellow (10YR 6/6). | 12.0" dia. drilled hole (0.0-1.0') | |
| 3 | | | | | 0.0 | | | Cement (1.0-4.0') | |
| 4 | | | | | 0.0 | | | Bentonite Pellets | |
| 5 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (4.0-10.0') | |
| 6 | | | 48 | | 0.0 | | (5.5-8.8') SILT, nonplastic, rapid dilatancy; some sand, very fine to medium, subrounded to subangular; well sorted; wet; yellowish brown (10YR 5/4) to grayish brown (10YR 5/2). Note: Boring appeared wet at 6.0' bgs. | Filter Pack Sand (4.0-9.0') | |
| 7 | | | | | 0.0 | | | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.8-9.5') SAND, very fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; little silt, nonplastic, rapid dilatancy; trace small pebbles, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 10 | | | | | 0.0 | | (9.5-10.0') SILT, nonplastic, rapid dilatancy; some sand, medium to very coarse, subrounded to subangular; well sorted; wet; grayish brown (10YR 5/2). End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
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| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.8' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 664.4
North Coor: 319826.3
East Coor: 13388277.3

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-161S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/21/2019
Date Completed: 02/21/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 37° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount | |
| 2 | | | | | 0.0 | | (0.3-5.0') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; dry to moist; yellowish brown (10YR 5/6) to grayish brown (10YR 5/2). | 12.0" dia. drilled hole (0.0-1.0') Cement (1.0-2.5') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (2.5-10.0') | |
| 4 | | | | | 0.0 | | | Filter Pack Sand (2.5-7.5') | |
| 5 | | | | | 0.0 | | Note: Boring appeared wet at 4.0' bgs. | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | | | 0.0 | | (5.0-7.1') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine; well sorted; wet; grayish brown (10YR 5/2). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | (7.1-7.2') SAND, very fine to very coarse, subrounded to subangular; little clay, medium plasticity, rapid dilatancy; little silt; wet; poorly sorted; grayish brown (10YR 5/2). | | |
| 9 | | | | | 0.0 | | (7.2-8.1') SAND, medium to very coarse, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; trace granules, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 10 | | | | | 0.0 | | (8.1-10.0') SAND, fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; little silt, nonplastic, rapid dilatancy; trace small pebbles, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.0
North Coor: 319259.4
East Coor: 13388327.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICEDATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-162S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/20/2019
Date Completed: 02/20/2019
Logger: S. Johnson
Editor: T. Stevens
Weather Conditions: 32° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount | |
| 2 | | | | | 0.0 | | (0.3-3.0') SAND, very fine, subrounded to subangular; little silt; well sorted; dry; loose; dark yellowish brown (10YR 4/6). | 12.0" dia. drilled hole (0.0-1.0') Cement (1.0-3.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND, very fine to fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/4). | 2.0" dia. SCH-40 PVC Casing (3.0-10.0') Filter Pack Sand (3.0-8.0') | |
| 5 | | | | | 0.0 | | (4.0-6.5') SAND, fine to medium, subrounded to subangular; well sorted; moist; yellowish brown (10YR 5/4). Note: Boring appeared wet at 5.0' bgs. | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | 54 | | 0.0 | | (6.5-6.8') SILT and CLAY, medium plasticity, slow dilatency; wet; soft; gray (10YR 5/1). | | |
| 8 | | | | | 0.0 | | (6.8-7.5') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; some small pebbles, little medium pebble, subrounded to subangular; poorly sorted; moist; loose; dark gray (10YR 4/1). | | |
| 9 | | | | | 0.0 | | (7.5-8.7') SAND, fine to medium, subrounded to subangular; trace medium pebbles, subrounded to subangular; well sorted; moist; medium stiff; gray (10YR 5/1). | | |
| 10 | | | | | 0.0 | | (8.7-10.0') SAND, fine to medium, subrounded to subangular; trace granule; well sorted; moist; medium dense; gray (10YR 5/1). End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
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| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: C.Aldrich and A.Peris
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.8
North Coor: 319203.6
East Coor: 13389044.1

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-163S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/19/2019
Date Completed: 02/19/2019

Logger: C. Weaver
Editor: T. Stevens
Weather Conditions: 22° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount | |
| 2 | | | | | 0.0 | | (0.3-3.0') SAND, very fine to medium, subrounded to subangular; little silt, nonplastic, slow dilatancy; well sorted; dry to moist; brown (10YR 5/3). | 12.0" dia. drilled hole (0.0-1.0') Cement (1.0-2.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (2.0-10.0') | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND, fine to coarse, subrounded to subangular; trace silt; well sorted; wet; yellowish brown (10YR 5/4). Note: Boring appeared wet at 3.0' bgs. | Filter Pack Sand (2.0-7.0') | |
| 5 | | | | | 0.0 | | (4.0-5.5') SILT, medium plasticity, slow dilatancy; little clay; trace sand, medium to coarse, subrounded to subangular; trace medium pebbles, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | | | 0.0 | | (5.5-6.0') SAND, very fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; litle silt, nonplastic, rapid dilatancy; trace small pebbles, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 7 | | | 60 | | 0.0 | | (6.0-7.5') SILT, slow dilatency, non-plastic; and SAND, fine to medium, subrounded to subangular; well sorted; wet; pale brown (10YR 6/3). | | |
| 8 | | | | | 0.0 | | (7.5-8.0') SAND, very fine to very coarse, subrounded to subangular; some granules, subrounded to subangular; trace small pebbles, subrounded; trace silt; poorly sorted; wet; pale brown (10YR 6/3). | | |
| 9 | | | | | 0.0 | | (8.0-10.0') SAND, very fine to medium, subrounded to subangular; little silt, nonplastic, rapid dilatancy; well sorted; wet; grayish brown (10YR 5/2). | | |
| 10 | | | | | | | End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
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| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossman
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 672.0
North Coor: 319283.0
East Coor: 13388945.7

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# Soil Boring Log

Boring No.: MW-164S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/19/2019
Date Completed: 02/19/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 30° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; dark yellowish brown (10YR 4/6). | 12.0" dia. drilled hole (0.0-1.0') Cement | |
| 3 | | | | | 0.0 | | (1.0-2.0') SAND, very fine to fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/4). | (1.0-3.0') Bentonite Pellets | |
| 4 | | | | | 0.0 | | (2.0-4.0') SAND, very fine, subrounded to subangular; and SILT; well sorted; moist; loose; yellowish brown (10YR 5/4). | 2.0" dia. SCH-40 PVC Casing (3.0-10.0') Filter Pack Sand (3.0-8.0') | |
| 5 | | | | | 0.0 | | (4.0-5.6') SAND, fine to medium, subrounded to subangular; well sorted; moist; loose; brown (10YR 4/3). | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | | | 0.0 | | Note: Boring appeared wet at 5.0' bgs. | | |
| 7 | | | 50 | | 0.0 | | (5.6-5.9') SAND, fine to coarse, subrounded to subangular; trace granules, subrounded to subangular; poorly sorted; wet; loose; dark grayish brown (10YR 4/2). | | |
| 8 | | | | | 0.0 | | (5.9-6.1') SILT and CLAY, medium plasticity, slow dilatancy; wet; soft; dark gray (10YR 4/1). | | |
| 9 | | | | | 0.0 | | (6.1-6.4') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; moist; loose; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.0 | | (6.4-6.7') CLAY, high plasticity, no dilatancy; and SILT; moist; soft; dark gray (10YR 4/1). | | |
| 11 | | | | | | | (6.7-9.3') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; moist; medium dense; dark gray (10YR 4/1). | | |
| 12 | | | | | | | (9.3-10.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; moist; medium dense; dark gray (10YR 4/1). | | |
| 13 | | | | | | | End of boring at 10.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: C.Aldrich and A.Peris
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 661.1
North Coor: 319244.3
East Coor: 13388760.0

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# Soil Boring Log

Boring No.: MW-165S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

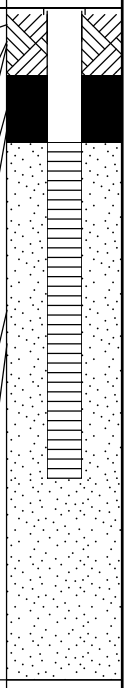
Date Started: 03/07/2019
Date Completed: 03/07/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 20° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description |
|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. |
| 2 | | | | | 0.0 | | (0.3-3.0') SAND, very fine to medium, subrounded to subangular; trace silt; well sorted; dry to moist; yellowish brown (10YR 5/4). |
| 3 | | | | | 0.0 | | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND, medium to very coarse, subrounded to subangular; some small granules, subrounded to subangular; trace small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; dark brown (10YR 3/3). |
| 5 | | | | | 0.0 | | (4.0-7.0') SAND, very fine to fine; and SILT, nonplastic, rapid dilatancy; well sorted; wet; yellowish brown (10YR 5/4). Note: Boring appeared wet at 4.0' bgs. |
| 6 | | | | | 0.0 | | |
| 7 | | | | | 0.0 | | |
| 8 | | | 58 | | 0.0 | | (7.0-7.1') SILT, medium plasticity, rapid dilatancy; little clay; trace sand, very fine to fine; well sorted; wet; grayish brown (10YR 5/2). |
| 9 | | | | | 0.0 | | (7.1-8.5') SAND, fine to very coarse, subrounded to subangular; and granules to small pebbles, subrounded to subangular; trace silt; well sorted; wet; grayish brown (10YR 5/2). |
| 10 | | | | | 0.0 | | (8.5-9.8') SAND, very fine to coarse, subrounded to subangular; trace small pebbles; well sorted; wet; grayish brown (10YR 5/2). |
| 11 | | | | | | | (9.8-10.0') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; grayish brown (10YR 5/2). |
| 12 | | | | | | | End of boring at 10.0' bgs. |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

Construction Details: 8.0" Flush Mount 12.0" dia. drilled hole (0.0-1.0') Cement (1.0-2.0') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.0-7.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen (2.0-10.0') Filter Pack Sand

Well



Drilling Co.: Fibertec
Driller: M. Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 661.0
North Coor: 319265.6
East Coor: 13388645.3

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# Soil Boring Log

Boring No.: MW-166S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 03/08/2019
Date Completed: 03/08/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 32° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-7.1') SAND, very fine to medium, subrounded subangular; trace small pebbles, subrounded subangular; well sorted; dry; brownish yellow (10YR 6/6) to very pale brown (10YR 7/4). | 12.0" dia. drilled hole (1.0-5.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (5.0-11.0') | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 40 | | 0.0 | | | Filter Pack Sand | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | (7.1-8.0') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; light yellowish brown (10YR 6/4). | (6.0-11.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 0.0 | | (8.0-8.8') SILT, nonplastic, rapid dilatancy; some sand, very fine to medium, subrounded subangular; well sorted; wet; brown (10YR 5/3). Note: Boring appeared wet at 8.0' bgs. | | |
| 10 | | | | | 0.0 | | (8.8-9.3') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; brown (10YR 5/3). | | |
| 11 | | | | | | | (9.3-10.0') SAND, medium to very coarse, subrounded to subangular; some granules to small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; brown (10YR 5/3). | | |
| 12 | | | | | | | (10.0-11.0') No lithology recorded. | | |
| 13 | | | | | | | End of boring at 11.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: M. Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 661.0
North Coor: 319914.2
East Coor: 13389693.8

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# Soil Boring Log

Boring No.: MW-167S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/20/2019
Date Completed: 02/20/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 30° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-4.0') SAND, very fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; dry; yellowish brown (10YR 5/6). | 12.0" dia. drilled hole (1.0-5.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | (4.0-6.0') SAND, very fine to very coarse, subrounded to subangular; and granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; moist; yellowish brown (10YR 5/6). | 2.0" dia. SCH-40 PVC Casing | |
| 6 | | | 49 | | 0.0 | | (6.0-6.1') SAND, very fine to very coarse, subrounded to subangular; little clay, nonplastic, slow dilatancy; trace small pebbles, subrounded to subangular; poorly sorted; moist; dark yellowish brown (10YR 4/4). | (5.0-10.0') Filter Pack Sand (5.0-10.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | (6.1-6.9') SAND, fine to very coarse, subrounded to subangular; some granules, subrounded to subangular; trace small pebbles, subrounded to subangular; trace silt; poorly sorted; wet; brown (10YR 5/3). | | |
| 8 | | | | | 0.0 | | (6.9-7.0') SILT, nonplastic, rapid dilatancy; and SAND, very fine to medium, subrounded to subangular; well sorted; wet; brown (10YR 5/3). Note: Boring appeared wet at 6.9' bgs. | | |
| 9 | | | | | 0.0 | | (7.0-7.5') SAND, very fine to very coarse, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; trace small granules, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). | | |
| 10 | | | | | 0.0 | | (7.5-8.3') SILT, nonplastic, rapid dilatancy; some sand, very fine to medium, subrounded to subangular; well sorted; wet; brown (10YR 5/3). | | |
| 11 | | | | | | | (8.3-8.4') SAND, medium to coarse, subrounded to subangular; and granules, subrounded to subangular; trace silt; poorly sorted; wet; brown (10YR 5/3). | | |
| 12 | | | | | | | (8.4-9.0') SAND, very fine to medium, subrounded to subangular; little silt, nonplastic, rapid dilatancy; well sorted; wet; brown (10YR 5/3). | | |
| 13 | | | | | | | (9.0-9.7') SILT, nonplastic, rapid dilatancy; and SAND, very fine to fine; well sorted; wet; brown (10YR 5/3). | | |
| 14 | | | | | | | (9.7-10.0') CLAY, high plasticity, slow dilatancy; little silt; well sorted; wet; gray (10YR 6/1). | | |
| 15 | | | | | | | End of boring at 10.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.9' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 657.4
North Coor: 319263.3
East Coor: 13389605.8

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# Soil Boring Log

Boring No.: MW-168S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/20/2019
Date Completed: 02/20/2019
Logger: C. Weaver
Editor: T. Stevens
Weather Conditions: 30° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount | |
| 2 | | | | | 0.0 | | (0.3-2.0') SAND, very fine to medium, subrounded to subangular; trace small pebbles; well sorted; dry; dark brown (10YR 3/3). | 12.0" dia. drilled hole (0.0-1.0') Cement (1.0-2.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | (2.0-3.0') SAND, very fine to medium, subrounded to subangular; trace silt; well sorted; wet; ligh brownish gray (10YR 6/2). | | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND, very fine to very coarse, and GRANULES, subrounded to subangular; trace small pebbles; trace silt; poorly sorted; wet; dark yellowish brown (10YR 4/4). | | |
| 5 | | | | | 0.0 | | (4.0-7.0') SAND very fine to very coarse, subrounded to subangular; and SILT, rapid dilatency, non-plastic; trace granule; poorly sorted; wet; grayish brown (10YR 5/2). | 2.0" dia. SCH-40 PVC Casing (2.0-10.0') Filter Pack Sand (2.0-7.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 58 | | 0.0 | | (7.0-9.0') SILT, rapid dilatency, non-plastic; little very fine to fine sand; well sorted; wet; very dark gray (10YR 3/1). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.0-10.0') SILT, some clay, rapid dilatency, medium plasticity; wet; gray (10YR 5/1). | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossman
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.4' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 657.4
North Coor: 319872.2
East Coor: 13389133.9

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# Soil Boring Log

Boring No.: MW-169S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/20/2019
Date Completed: 02/20/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 27° F, Snowing/Rainy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description |
|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. |
| | | | | | 0.0 | | (0.3-2.0') SAND, very fine to medium, subrounded to subangular; trace small to medium pebbles, subrounded to subangular; well sorted; dry; yellowish brown (10YR 5/6). |
| 2 | | | | | | | |
| 3 | | | | | 0.0 | | (2.0-5.0') SAND, very fine to very coarse, subrounded to subangular; little silt, nonplastic, rapid dilatancy; trace small pebbles, subrounded to subangular; trace granules,subrounded to subangular; poorly sorted; moist to wet; grayish brown (10YR 5/2). Note: Boring appeared wet at 4.4' bgs. |
| 4 | | | | | 0.0 | | |
| 5 | | | | | 0.0 | | |
| 6 | | | | | 0.0 | | (5.0-6.0') GRANULES, subrounded to subangular; some small pebbles, subrounded to subangular; little sand, very fine to very coarse, subrounded to subangular; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). |
| 7 | | | | | 0.0 | | (6.0-7.5') SILT, nonplastic, rapid dilatancy and SAND, fine to very coarse, subrounded to subangular; trace granules, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). |
| 8 | | | | | 0.0 | | (7.5-8.8') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine; well sorted; wet; gray (10YR 5/1). |
| 9 | | | | | 0.0 | | (8.8-9.2') SILT, medium plasticity, rapid dilatancy; some clay; well sorted; wet; gray (10YR 5/1). |
| 10 | | | | | 0.0 | | (9.2-9.3') SAND, very fine to very coarse, subrounded to subangular; and CLAY, medium plasticity, slow dilatancy; poorly sorted; wet; gray (10YR 5/1). |
| | | | | | | | (9.3-10.0') CLAY, high plasticity, slow dilatancy; trace silt; well sorted; gray (10YR 5/1). |
| | | | | | | | End of boring at 10.0' bgs. |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

Construction Details / Well: 8.0" Flush Mount 12.0" dia. drilled hole (0.0-1.0') Cement (1.0-2.0') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (2.0-10.0') Filter Pack Sand (2.0-7.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.4' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 657.0
North Coor: 319869.6
East Coor: 13389165.6

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICEDATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-170S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/27/2019
Date Completed: 02/27/2019
Weather Conditions: 23° F, Cloudy/Snowing

Logger: C. Weaver
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description |
|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. |
| 2 | | | | | 0.0 | | (0.3-6.5') SAND, very fine to medium, subrounded to subangular; well sorted; dry; light yellowish brown (10YR 6/4). |
| 3 | | | | | 0.0 | | |
| 4 | | | | | 0.0 | | |
| 5 | | | | | 0.0 | | |
| 6 | | | | | 0.0 | | |
| 7 | | | 50 | | 0.0 | | Note: Boring appeared wet at 6.0' bgs. |
| 8 | | | | | 0.0 | | (6.5-8.0') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; moist to wet; yellowish brown (10YR 5/6). |
| 9 | | | | | 0.0 | | (8.0-8.5') SAND, very fine to very coarse, subrounded to subangular; little silt, nonplastic, rapid dilatancy; poorly sorted; wet; yellowish brown (10YR 5/4). |
| 10 | | | | | 0.0 | | (8.5-8.6') SAND, fine to medium, subrounded to subangular; little silt, nonplastic, slow dilatancy; well sorted; wet; brown (10YR 5/3). |
| 11 | | | | | | | (8.6-8.8') SAND, medium to very coarse, subrounded to subangular; little silt, nonplastic, rapid dilatancy; trace granules, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). |
| 12 | | | | | | | (8.8-9.5') SAND, fine to coarse, subrounded to subangular; little silt, nonplastic, rapid dilatancy; trace small pebbles, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). |
| 13 | | | | | | | (9.5-10.0') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; brown (10YR 5/3). |
| 14 | | | | | | | (10.0-11.0') No lithology recorded. |
| 15 | | | | | | | End of boring at 11.0' bgs. |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

Construction Details: 8.0" Flush Mount; 12.0" dia. drilled hole (0.0-1.0') Cement; (1.0-3.5') Bentonite Pellets; 2.0" dia. SCH-40 PVC Casing (3.5-11.0'); Filter Pack Sand (4.5-9.5'); 2.0" dia. Stainless Steel 0.010 slot Well Screen

Well

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.2
North Coor: 319195.0
East Coor: 13387746.9

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# Soil Boring Log

Boring No.: MW-171S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/20/2019
Date Completed: 02/20/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 25° F, Cloudy/Snowing

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.2 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount | |
| | | | | | | | (0.3-1.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; very dark grayish brown (10YR 3/2). | | |
| 2 | | | | | 0.0 | | (1.0-2.0') SAND, very fine, subrounded to subangular; and SILT; well sorted; moist; loose; dark brown (10YR 3/3). | 12.0" dia. drilled hole (0.0-1.0') Cement (1.0-2.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | (2.0-3.0') SAND, very fine to fine, subrounded to subangular; some silt; well sorted; moist; loose; dark grayish brown (10YR 4/2). | | |
| 4 | | | | | 0.0 | | (3.0-5.0') SAND, fine to medium, subrounded to subangular; little silt; trace granules, subrounded to subangular; poorly sorted; moist; loose; dark grayish brown (10YR 4/2). Note: Boring appeared wet at 4.0' bgs. | 2.0" dia. SCH-40 PVC Casing (2.0-10.0') Filter Pack Sand (2.0-7.0') | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 60 | | 0.2 | | (5.0-5.9') SAND, fine to medium, subrounded to subangular; well sorted; wet; medium dense; dark grayish brown (10YR 4/2). | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | (5.9-6.3') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; some small pebbles, subrounded to subangular; moist; loose; dark gray (10YR 4/1). | | |
| 8 | | | | | 0.2 | | (6.3-7.1') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; moist; medium dense; dark gray (10YR 4/1). | | |
| 9 | | | | | 0.0 | | (7.1-7.3') SAND, fine to medium, subrounded to subangular; some granules, subrounded to subangular; poorly sorted; moist; loose; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.0 | | (7.3-8.2') SAND, fine to medium, subrounded to subangular; well sorted; moist; medium stiff; dark gray (10YR 4/1). | | |
| 11 | | | | | | | (8.2-9.0') SAND, very fine to fine, subrounded to subangular; little silt; well sorted; moist; medium stiff; dark gray (10YR 4/1). | | |
| 12 | | | | | | | (9.0-10.0') SILT, nonplastic, rapid dilatancy; some sand, very fine, subrounded to subangular; well sorted; dry; medium dense; dark gray (10YR 4/1). | | |
| 13 | | | | | | | End of boring at 10.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: C.Aldrich and A.Peris
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 658.3
North Coor: 319821.2
East Coor: 13388955.8

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# Soil Boring Log

Boring No.: MW-172S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/21/2019
Date Completed: 02/21/2019
Weather Conditions: 39° F, Cloudy

Logger: S. Johnson
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount | |
| | | | | | | | (0.3-2.0') SAND, very fine to fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/4). | 12.0" dia. drilled hole (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | | | |
| 3 | | | 60 | | 0.0 | | (2.0-4.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; yellowish brown (10YR 5/6). | (1.0-4.5') Bentonite Pellets | |
| 4 | | | | | 0.0 | | | 2.0" dia. SCH-40 PVC Casing (4.5-10.0') | |
| 5 | | | | | 0.0 | | (4.0-5.0') SILT, nonplastic, rapid dilatancy; and SAND; moist; soft; brown (10YR 5/3). | Filter Pack Sand (4.5-9.5') | |
| 6 | | | | | 0.0 | | (5.0-6.0') No Recovery. | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | (4.0-6.2') SILT, nonplastic, rapid dilatancy; and SAND; wet; soft; brown (10YR 5/3). | | |
| 8 | | | 60 | | 0.0 | | (6.2-6.5') SAND, fine to medium, subrounded to subangular; trace granules; well sorted; moist; medium dense; brown (10YR 5/3). | | |
| 9 | | | | | 0.0 | | (6.5-6.7') SILT, nonplastic, rapid dilatancy; moist; stiff; brown (10YR 5/3). | | |
| 10 | | | | | 0.0 | | (6.7-6.8') SILT, rapid dilatancy; some CLAY, low plasticity; wet; soft; brown (10YR 5/3). | | |
| | | | | | | | (6.8-7.2') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; little small pebbles, subrounded to subangular; poorly sorted; loose; moist; brown (10YR 5/3). | | |
| 11 | | | | | | | (7.2-7.3') SILT, nonplastic, rapid dilatancy; some sand, very fine, subrounded to subangular; moist; stiff; brown (10YR 5/3). | | |
| 12 | | | | | | | (7.3-8.0') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; moist; loose; brown (10YR 5/3). | | |
| 13 | | | | | | | (8.0-8.5') SAND, very fine, subrounded to subangular; some silt; well sorted; moist; medium dense; brown (10YR 5/3). | | |
| 14 | | | | | | | (8.5-9.4') SAND, fine to medium, subrounded to subangular; little granules; well sorted; dry; loose; brown (10YR 5/3). | | |
| 15 | | | | | | | (9.4-10.0') SAND, very fine to fine, subrounded to subangular; well sorted; dry; loose; brown. | | |
| 16 | | | | | | | End of boring at 10.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: C.Aldrich and A.Peris
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 662.0
North Coor: 318577.1
East Coor: 13388730.9

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# Soil Boring Log

Boring No.: MW-173S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/21/2019
Date Completed: 02/21/2019
Weather Conditions: 34° F, Partly Cloudy

Logger: S. Johnson
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount | |
| | | | | | | | (0.3-1.0') SAND, very fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/6). | 12.0" dia. drilled hole (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (1.0-3.0') SAND, very fine to fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/4). | (1.0-5.5') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND, fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/6). | 2.0" dia. SCH-40 PVC Casing | |
| 5 | | | | | 0.0 | | (4.0-7.0') SAND, very fine to fine, subrounded to subangular; little silt; well sorted; dry; loose; brown (10YR 5/3). | | |
| 6 | | | | | 0.0 | | Note: No recovery from 5.0-7.0' bgs. | (5.5-10.5') Filter Pack Sand (5.5-9.5') | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 40 | | 0.0 | | (7.0-7.8') SILT, nonplastic, rapid dilatancy; some sand, very fine, subrounded to subangular; wet; medium stiff; dark grayish brown (10YR 4/2). Note: Boring appeared wet at 7.0' bgs. | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 0.0 | | (7.8-8.1') SAND, fine to coarse, subrounded to subangular; little granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; moist; loose; dark grayish brown (10YR 4/2). | | |
| 10 | | | | | 0.0 | | (8.1-8.5') SILT, nonplastic, rapid dilatancy; wet; medium stiff; dark grayish brown (10YR 4/2). | | |
| | | | | | | | (8.5-8.7') SAND, fine to medium, subrounded to subangular; trace granules; well sorted; moist; loose; strong brown (7.5YR 4/6). | | |
| 11 | | | | | | | (8.7-9.0') SAND, fine to medium, subrounded to subangular; trace granules; well sorted; moist; loose; dark grayish brown (10YR 4/2). | | |
| 12 | | | | | | | (9.0-10.0') SAND, very fine, subrounded to subangular; some silt; well sorted; moist; medium dense; dark grayish brown (10YR 4/2). | | |
| 13 | | | | | | | (10.0-10.5') No lithology recorded. | | |
| 14 | | | | | | | End of boring at 10.5' bgs. | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: C.Aldrich and A.Peris
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.2
North Coor: 318627.7
East Coor: 13388595.9

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-174S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/26/2019
Date Completed: 02/26/2019
Weather Conditions: 21° F, Cloudy

Logger: C. Weaver
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-7.5') SAND, very fine to medium, subrounded to subangular; dry; well sorted; yellowish brown (10YR 5/8). | 2.0" dia. SCH-40 PVC Casing | |
| 3 | | | 60 | | 0.0 | | | 12.0" dia. drilled hole (1.0-4.5') Bentonite Pellets | |
| 4 | | | | | 0.0 | | | (4.5-12.0') Filter Pack Sand | |
| 5 | | | | | 0.0 | | | (5.5-10.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 30 | | 0.0 | | (7.5-9.5') SAND, very fine to medium, subrounded to subangular; little silt, nonplastic, rapid dilatancy; well sorted; wet; grayish brown (10YR 5/2). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.5-9.8') SAND, fine to very coarse, subrounded to subangular; little silt, medium plasticity, rapid dilatancy; trace clay; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 11 | | | | | | | (9.8-10.0') SAND, fine to medium, subrounded to subangular; little clay, medium plasticity, slow dilatancy; poorly sorted; wet; yellowish brown (10YR 5/4). | | |
| 12 | | | | | | | (10.0-12.0') No lithology recorded. | | |
| 13 | | | | | | | End of boring at 12.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 665.5
North Coor: 318884.4
East Coor: 13388469.8

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-175S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/22/2019
Date Completed: 02/22/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 33° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing 12.0" dia. drilled hole (1.0-5.0') Bentonite Pellets (5.0-15.0') Filter Pack Sand (6.0-11.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-7.2') SAND, very fine to medium, subrounded to subangular; trace granules, subrounded to subangular; trace silt; well sorted; dry; yellowish brown (10YR 5/6). | | |
| 3 | | | 60 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 44 | | 0.0 | | (7.2-9.2') SILT, nonplastic, rapid dilatancy; and SAND, very fine to fine; well sorted; wet; brown (10YR 5/3). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.2-11.9') SAND, medium to coarse, subrounded to subangular; some silt, nonplastic, rapid dilatancy; poorly sorted; wet; brown (10YR 5/3). | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 33 | | 0.0 | | (11.9-12.3') SAND, medium to very coarse, subrounded to subangular; little silt, nonplastic, slow dilatancy; little granules, subrounded to subangular; poorly sorted; moist; light brownish gray (10YR 6/2). | | |
| 14 | | | | | 0.0 | | (12.3-13.0') SAND, fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; moist; light brownish gray (10YR 6/2). | | |
| 15 | | | | | 0.0 | | (13.0-15.0') SAND, medium to very coarse, subrounded to subangular; little silt, nonplastic, slow dilatancy; trace small pebbles, subrounded to subangular; trace granules, subrounded to subangular; poorly sorted; moist; light brownish gray (10YR 6/2). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 665.4
North Coor: 318987.8
East Coor: 13388429.8

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICEDATA\NOVI-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-176S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/21/2019
Date Completed: 02/21/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 37° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-6.5') SAND, very fine to medium, subrounded to subangular; trace silt; well sorted; dry; yellowish brown (10YR 5/6). | 2.0" dia. SCH-40 PVC Casing | |
| 3 | | | | | 0.0 | | | 12.0" dia. drilled hole (1.0-5.0') Bentonite Pellets | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 60 | | 0.0 | | | (5.0-10.0') Filter Pack Sand (5.0-10.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | (6.5-7.8') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; yellowish brown (10YR 5/6). | | |
| 8 | | | | | 0.0 | | (7.8-8.5') SAND, fine to very coarse, subrounded to subangular; some granules, subrounded to subangular; trace small pebbles, subrounded to subangular; trace silt; wet; poorly sorted; dark yellowish brown (10YR 4/4). | | |
| 9 | | | | | 0.0 | | (8.5-8.9') SAND, fine to medium, subrounded to subangular; trace silt; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 10 | | | | | 0.0 | | (8.9-9.2') SAND, medium to very coarse, subrounded to subangular; trace granules, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). | | |
| 11 | | | | | | | (9.2-9.5') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, slow dilatancy; well sorted; wet; grayish brown (10YR 5/2). | | |
| 12 | | | | | | | (9.5-10.0') SAND, medium to coarse, subrounded to subangular; little silt, nonplastic, slow dilatancy; well sorted; wet; grayish brown (10YR 5/2). | | |
| 13 | | | | | | | End of boring at 10.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.3' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.8
North Coor: 318770.9
East Coor: 13388558.1

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-177S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/22/2019
Date Completed: 02/22/2019
Weather Conditions: 25° F, Sunny

Logger: C. Weaver
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing 12.0" dia. drilled hole (1.0-4.0') Bentonite Pellets (4.0-10.0') Filter Pack Sand (4.0-9.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-6.5') SAND, very fine to medium, subrounded to subangular; trace silt; well sorted; dry to moist; yellowish brown (10YR 5/6) to brown (10YR 5/3). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 50 | | 0.0 | | (6.5-7.5') SILT, nonplastic, rapid dilatancy; little sand, very fine to fine; well sorted; wet; light brownish gray (10YR 6/2). | | |
| 7 | | | | | 0.0 | | (7.5-7.8') SAND, fine to very coarse, subrounded to subangular; some granules, subrounded to subangular; trace silt; poorly sorted; wet; light brownish gray (10YR 6/2). | | |
| 8 | | | | | 0.0 | | (7.8-8.5') SILT, nonplastic, rapid dilatancy; little sand, very fine to fine; well sorted; wet; light brownish gray (10YR 6/2). | | |
| 9 | | | | | 0.0 | | (8.5-9.3') SAND, medium to very coarse, subrounded to subangular; some granules, subrounded to subangular; little silt, nonplastic, rapid dilatancy; poorly sorted; wet; light brownish gray (10YR 6/2). | | |
| 10 | | | | | | | (9.3-9.7') SAND, very fine to medium; little silt, nonplastic, slow dilatancy; well sorted; wet; light brownish gray (10YR 6/2). | | |
| 11 | | | | | | | (9.7-10.0') SAND, medium to very coarse, subrounded to subangular; some granules, subrounded to subangular; trace silt; poorly sorted; wet; light brownish gray (10YR 6/2). | | |
| 12 | | | | | | | End of boring at 10.0' bgs. | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 662.6
North Coor: 318914.3
East Coor: 13388609.5

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-178S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/21/2019
Date Completed: 02/21/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 30° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing 12.0" dia. drilled hole (1.0-4.5') Bentonite Pellets (4.5-10.0') Filter Pack Sand (4.5-9.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-7.0') SAND, fine to medium, subrounded to subangular; trace silt; trace small pebbles, subrounded to subangular; well sorted; dry to moist; yellowish brown (10YR 5/8) to (10YR 5/6). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 30 | | 0.0 | | (7.0-8.0') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 9 | | | | | 0.0 | | (8.0-8.5') SAND, fine to very coarse, subrounded to subangular; some silt, nonplastic, rapid dilatancy; poorly sorted; wet; yellowish brown (10YR 5/4). | | |
| 10 | | | | | 0.0 | | (8.5-9.0') SILT, nonplastic, rapid dilatancy; little sand, fine to medium, subrounded to subangular; well sorted; wet; brown (10YR 5/3). | | |
| 11 | | | | | | | (9.0-10.0') SILT, nonplastic, rapid dilatancy; and SAND, medium to very coarse, subrounded to subangular; trace granules, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). | | |
| 12 | | | | | | | End of boring at 10.0' bgs. | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: T. Grossmann
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 662.1
North Coor: 318867.0
East Coor: 13388757.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-179S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 02/22/2019
Date Completed: 02/22/2019
Weather Conditions: 30° F, Sunny

Logger: S. Johnson
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement | |
| | | | | | 0.0 | | (0.3-1.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; dark yellowish brown (10YR 3/4). | | |
| 2 | | | | | | | (1.0-4.0') SAND, very fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/6). | 2.0" dia. SCH-40 PVC Casing 12.0" dia. drilled hole (1.0-6.0') Bentonite Pellets | |
| 3 | | | 60 | | 4.5 | | | | |
| | | | | | 4.0 | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | 0.3 | | (4.0-6.7') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; yellowish brown (10YR 5/6). Note: No recovery from 5-6.7' bgs. | | |
| 6 | | | | | 0.0 | | | | |
| | | | | | 0.0 | | | | |
| 7 | | | | | | | (6.7-8.0') SAND, very fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/6). Note: Oxidation 7.1-7.5' bgs. | (6.0-12.5') Filter Pack Sand (6.0-10.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | 38 | | 0.0 | | | | |
| | | | | | 0.0 | | (8.0-9.0') SAND, very fine to fine, subrounded to subangular; well sorted; moist; medium dense; brown (10YR 5/3). | | |
| 9 | | | | | | | | | |
| 10 | | | | | 0.0 | | (9.0-9.3') SILT, nonplastic, rapid dilatancy; some sand, very fine, subrounded to subangular; wet; soft; brown (10YR 5/3). Note: Boring appeared wet at 9.0' bgs. | | |
| | | | | | | | (9.3-9.8') SAND, very fine to fine, subrounded to subangular; well sorted; moist; medium dense; dark grayish brown (10YR 4/2). | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | (9.8-10.0') SAND, very fine, subrounded to subangular; and SILT; well sorted; moist; medium dense; dark grayish brown (10YR 4/2). | | |
| | | | | | | | (10.0-12.5') No lithology recorded. | | |
| 13 | | | | | | | End of boring at 12.5' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: C.Aldrich and A.Peris
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 666.9
North Coor: 318935.3
East Coor: 13388243.6

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-180S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/22/2019
Date Completed: 02/22/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 40° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 2.1 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement | |
| | | | | | | | (0.3-1.0') SAND, very fine, subrounded to subangular; little silt; well sorted; dry; loose; dark brown (10YR 3/3). | | |
| 2 | | | | | 0.0 | | (1.0-8.0') SAND, very fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/6). | 2.0" dia. SCH-40 PVC Casing | |
| 3 | | | | | 1.3 | | | 12.0" dia. drilled hole | |
| 4 | | | | | 1.4 | | | (1.0-5.5') Bentonite Pellets | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 44 | | 0.0 | | Note: No recovery from 5-6.2' bgs. | (5.5-11.5') Filter Pack Sand | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | (6.5-11.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 0.0 | | (8.0-8.8') SILT, nonplastic, rapid dilatancy; some sand, very fine, subrounded to subangular; moist; medium stiff; brown (10YR 5/3). | | |
| 10 | | | | | 0.0 | | Note: Boring appeared wet at 8.5' bgs. | | |
| 11 | | | | | | | (8.8-9.1') SILT; little clay, low plasticity, rapid dilatancy; moist; medium stiff; brown (10YR 5/3). | | |
| 12 | | | | | | | (9.1-9.7') SILT, nonplastic, rapid dilatancy; wet; soft; brown (10YR 5/3). | | |
| 13 | | | | | | | (9.7-10.0') SILT; little clay, low plasticty, rapid dilatancy; moist; brown (10YR 5/3). | | |
| 14 | | | | | | | (10.0-11.5') No lithology recorded. | | |
| 15 | | | | | | | End of boring at 11.5' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: C.Aldrich and A.Peris
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NR
North Coor:
East Coor:

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-180SR

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 03/01/2019
Date Completed: 03/01/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 30° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing 12.0" dia. drilled hole (1.0-5.5') Bentonite Pellets | |
| 2 | | | | | 0.0 | | (0.3-7.8') SAND, very fine to medium, subrounded to subangular; trace silt; well sorted; dry; brownish yellow (10YR 6/6) to very pale brown (10YR 7/3). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 35 | | 0.0 | | | (5.5-11.5') Filter Pack Sand | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | (7.8-8.8') SAND, very fine to medium, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; wet; grayish brown (10YR 5/2). | (6.5-11.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 9 | | | | | 0.0 | | (8.8-9.0') CLAY, medium plasticity, rapid dilatancy; some silt; trace sand, very fine to fine; well sorted; wet; brown (10YR 5/3). | | |
| 10 | | | | | 0.0 | | (9.0-10.0') SILT, medium plasticity, rapid dilatancy; little sand, very fine to fine; well sorted; wet; brown (10YR 5/3). | | |
| 11 | | | | | NR<br>NR | | (10.0-11.5') No lithology recorded. | | |
| 12 | | | | | | | End of boring at 11.5' bgs. | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.0
North Coor: 318766.3
East Coor: 13388215.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-181S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/27/2019
Date Completed: 02/27/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 23° F, Cloudy/Snowing

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing (1.0-2.5') Bentonite Pellets 12.0" dia. drilled hole (2.5-10.0') Filter Pack Sand (3.5-8.5') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-6.0') SAND, very fine to medium, subrounded to subangular; trace silt; trace granules, subrounded to subangular; well sorted; dry to moist; yellowish brown (10YR 5/6). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 45 | | 0.0 | | (6.0-6.1') SAND, fine to very coarse, subrounded to subangular; trace silt; trace granules, subrounded to subangular; poorly sorted; moist to wet; yellowish brown (10YR 5/6). | | |
| 7 | | | | | 0.0 | | (6.1-8.0') SAND, very fine to medium, subrounded to subangular; trace silt; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 8 | | | | | 0.0 | | (8.0-8.3') SAND, very fine to very coarse, subrounded to subangular; little silt, nonplastic, rapid dilatancy; trace granules, subrounded to subangular; poorly sorted; wet; yellowish brown (10YR 5/4). | | |
| 9 | | | | | 0.0 | | (8.3-8.5') SAND, very fine to medium, subrounded to subangular; little silt, nonplastic, rapid dilatancy; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 10 | | | | | | | (8.5-8.6') SAND, medium to very coarse, subrounded to subangular; little silt, nonplastic, rapid dilatancy; poorly sorted; wet; yellowish brown (10YR 5/4). | | |
| 11 | | | | | | | (8.6-9.8') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 12 | | | | | | | (9.8-10.0') SAND, coarse to very coarse, subrounded to angular; little granules, subrounded to subangular; poorly sorted; wet; yellowish brown (10YR 5/4). | | |
| 13 | | | | | | | End of boring at 10.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.8' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 666.8
North Coor: 318827.2
East Coor: 13387768.3

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-182S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/22/2019
Date Completed: 02/22/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 23° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, very fine, subrounded to subangular; little silt; well sorted; dry; loose; dark yellowish brown (10YR 4/6). | 2.0" dia. SCH-40 PVC Casing | |
| 3 | | | | | 0.0 | | (1.0-2.0') SAND, very fine, subrounded to subangular; well sorted; dry; loose; light brownish gray (10YR 6/2). | 12.0" dia. drilled hole (1.0-4.0') Bentonite Pellets | |
| 4 | | | | | 0.0 | | (2.0-3.0') SAND, very fine to fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/4). | (4.0-10.0') Filter Pack Sand (4.0-9.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 5 | | | | | 0.0 | | (3.0-4.0') SAND, very fine to fine, subrounded to subangular; little silt; well sorted; dry; loose; yellowish brown (10YR 5/4). | | |
| 6 | | | | | 0.0 | | (4.0-7.8') SAND, very fine, subrounded to subangular; and SILT; well sorted; dry; loose; yellowish brown (10YR 5/4). | | |
| 7 | | | | | 0.0 | | Note: Boring appeared wet at 6.5' bgs. | | |
| 8 | | | 56 | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (7.8-8.4') SAND, very fine, subrounded to subangular; some silt; well sorted; wet; medium dense; brown (10YR 5/3). | | |
| 10 | | | | | 0.0 | | (8.4-9.2') SILT; little clay, low plasticity, rapid dilatancy; wet; soft; brown (10YR 5/3). | | |
| 11 | | | | | | | (9.2-9.8') CLAY, medium plasticity, slow dilatancy; and SILT; wet; soft; brown (10YR 5/3). | | |
| 12 | | | | | | | (9.8-10.0') SAND, fine to coarse, subrounded to subangular; some granules to small pebbles, subrounded to subangular; poorly sorted; moist; loose; brown (10YR 5/3). | | |
| 13 | | | | | | | End of boring at 10.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: C.Aldrich and A.Peris
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.5
North Coor: 318481.3
East Coor: 13388519.3

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# Soil Boring Log

Boring No.: MW-183S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 02/21/2019
Date Completed: 02/21/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 39° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing 12.0" dia. drilled hole (1.0-7.0') Bentonite Pellets | |
| | | | | | 0.7 | | (0.3-1.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; dark brown (10YR 3/3). | | |
| 2 | | | | | | | (1.0-4.0') SAND, fine, subrounded to subangular; well sorted; dry; loose; yellowish brown (10YR 5/6). | | |
| 3 | | | | | 1.2 | | | | |
| 4 | | | | | 1.2 | | | | |
| 5 | | | | | 0.8 | | (4.0-7.5') SAND, very fine, subrounded to subangular; and SILT; well sorted; dry; loose; yellowish brown (10YR 5/6). | | |
| 6 | | | | | 0.2 | | Note: No recovery from 5.0-6.7' bgs. | | |
| 7 | | | 36 | | 0.2 | | Note: Oxidation observed from 6.7-7.5' bgs. | (7.0-15.0') Filter Pack Sand | |
| 8 | | | | | 0.2 | | (7.5-8.5') SAND, fine to medium, subrounded to subangular; well sorted; dry; loose; gray (10YR 5/1). | | |
| 9 | | | | | 0.3 | | (8.5-12.0') SILT, nonplastic, rapid dilatancy; some sand, very fine, subrounded to subangular; soft; moist; gray (10YR 5/1). | | |
| 10 | | | | | 0.3 | | | (8.0-13.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 11 | | | | | 0.2 | | | | |
| 12 | | | | | 0.3 | | | | |
| 13 | | | 60 | | 0.2 | | (12.0-12.5') SILT, nonplastic, rapid dilatancy; and SAND, very fine to fine, subrounded to subangular; medium stiff; moist; gray (10YR 5/1). | | |
| 14 | | | | | 0.2 | | (12.5-12.7') CLAY, high plasticity, no dilatancy; little silt; moist; soft; gray (10YR 5/1). | | |
| 15 | | | | | 0.3 | | (12.7-13.6') SAND, fine to medium, subrounded to subangular; well sorted; moist; medium dense; moist; gray (10YR 5/1). | | |
| | | | | | | | (13.6-14.6') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; trace medium pebbles, subrounded to subangular; poorly sorted; moist; loose; gray (10YR 5/1). | | |
| 16 | | | | | | | (14.6-15.0') SAND, very fine to fine, subrounded to subangular; well sorted; moist; medium dense; gray (10YR 5/1). | | |
| 17 | | | | | | | End of boring at 15.0' bgs. | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Cascade
Driller: C.Aldrich and A.Peris
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 10.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 668.7
North Coor: 318445.1
East Coor: 13388053.8

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# Soil Boring Log

Boring No.: MW-184S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 03/07/2019
Date Completed: 03/07/2019
Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 25° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL/GRASS. Note: Roots present. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing 12.0" dia. drilled hole (1.0-3.5') Bentonite Pellets (3.5-10.0') Filter Pack Sand (4.5-9.5') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 2 | | | | | 0.0 | | (0.5-7.0') SAND, very fine to medium, subrounded to subangular; trace silt; well sorted; dry to moist; yellowish brown (10YR 5/8). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 38 | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | (7.0-8.0') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 9 | | | | | 0.0 | | (8.0-8.5') SAND, fine to very coarse, subrounded to subangular; little silt, nonplastic, rapid dilatancy; trace granules to small pebbles, subrounded to subangular; poorly sorted; wet; yellowish brown (10YR 5/4). | | |
| 10 | | | | | 0.0 | | (8.5-9.2') SAND, very fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 11 | | | | | | | (9.2-9.3') CLAY, medium plasticity, slow dilatancy; some silt; well sorted; wet; dark grayish brown (10YR 4/2). | | |
| 12 | | | | | | | (9.3-9.5') SAND, medium to very coarse, subrounded to subangular; some granules, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). | | |
| 13 | | | | | | | (9.5-10.0') SAND, fine to medium, subrounded to subangular; some silt, nonplastic, rapid dilatancy; well sorted; wet; grayish brown (10YR 5/2). | | |
| 14 | | | | | | | End of boring at 10.0' bgs. | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: M. Ryeson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 664.7
North Coor: 319141.3
East Coor: 13388345.3

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# Soil Boring Log

Boring No.: MW-185S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 03/01/2019
Date Completed: 03/01/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 20° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.3 | | (0.0-0.4') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.4-8.5') SAND, very fine to medium, subrounded to subangular; trace silt; well sorted; dry; yellowish brown (10YR 5/8). | 2.0" dia. SCH-40 PVC Casing | |
| 3 | | | 60 | | 0.0 | | | 12.0" dia. drilled hole (1.0-5.0') Bentonite Pellets | |
| 4 | | | | | 0.2 | | | (5.0-12.0') Filter Pack Sand | |
| 5 | | | | | 0.2 | | | | |
| 6 | | | | | 0.0 | | | (6.0-11.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 7 | | | | | 0.4 | | | | |
| 8 | | | 41 | | 0.2 | | | | |
| 9 | | | | | 0.0 | | (8.5-9.0') SAND, very fine to medium, subrounded to subangular; little silt, nonplastic, rapid dilatancy; well sorted; moist to wet; yellowish brown (10YR 5/6). | | |
| 10 | | | | | 0.0 | | (9.0-9.7') SILT, nonplastic, rapid dilatancy; little sand, very fine to fine; well sorted; wet; brown (10YR 5/3). | | |
| 11 | | | | | NR | | (9.7-9.8') SILT, medium plasticity, rapid dilatancy; little clay; trace sand, very fine to fine; poorly sorted; wet; brown (10YR 5/3). | | |
| 12 | | | | | | | (9.8-10.0') SILT, nonplastic, rapid dilatancy; trace sand, very fine to fine; well sorted; wet; grayish brown (10YR 5/2). | | |
| 13 | | | | | | | (10.0-12.0') No lithology recorded. | | |
| 14 | | | | | | | End of boring at 12.0' bgs. | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.8' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.1
North Coor: 319245.4
East Coor: 13388096.4

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# Soil Boring Log

Boring No.: MW-186S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 04/03/2019
Date Completed: 04/03/2019
Weather Conditions: 41° F, Sunny

Logger: S. Johnson
Editor: C. O'Neill

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement | |
| | | | | | 0.0 | | (0.3-2.0') CLAY, medium plasticity, no dilatancy; some silt; dry; very stiff; dark grayish brown (10YR 4/2). | | |
| 2 | | | | | | | | 2.0" dia. SCH-40 PVC Casing (0.5-1.5') | |
| 3 | | | 60 | | 0.0 | | (2.0-3.0') SAND, very fine to fine, subrounded to subangular; some silt; well sorted; dry; loose; very dark gray (10YR 3/1). | | |
| | | | | | | | (3.0-5.0') SAND, fine to medium, subrounded to subangular; well sorted; moist; loose; yellowish brown (10YR 5/4). | Bentonite Pellets (2.5-10.0') | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | | | | Filter Pack Sand (2.5-7.5') | |
| | | | | | 0.0 | | (5.0-5.9') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; wet; loose; brown (10YR 4/3). | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 6 | | | | | | | | | |
| | | | | | 0.0 | | (5.9-6.5') SAND, fine to coarse, subangular to angular; some granules, subrounded to subangular; some small pebbles, subrounded to subangular; trace medium pebbles, subrounded to subangular; poorly sorted; moist; loose; brown (10YR 4/3). | | |
| 7 | | | | | | | | | |
| 8 | | | 44 | | 0.0 | | | | |
| | | | | | | | (6.5-8.9') SAND, very fine to fine, subrounded to subangular; some silt; well sorted; moist; medium dense; dark gray (10YR 4/1). | | |
| 9 | | | | | 0.0 | | | | |
| | | | | | | | (8.9-9.5') SAND, fine to medium, subrounded to subangular; little silt; well sorted; moist; medium dense; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.0 | | | | |
| | | | | | | | (9.5-10.0') SILT, nonplastic, rapid dilatancy; moist; soft; dark gray (10YR 4/1). | | |
| | | | | | | | End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 657.3
North Coor: 320138.4
East Coor: 13389296.9

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# Soil Boring Log

Boring No.: MW-187

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 04/09/2019
Date Completed: 04/09/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 58° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') ASPHALT. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing | |
| | | | | | | | (0.3-1.0') SAND, very fine, subrounded to subangular; little silt; well sorted; moist; loose; dark grayish brown (10YR 4/2). | | |
| 2 | | | | | 0.0 | | (1.0-3.0') CLAY, high plasticity, no dilatancy; little small pebbles, subrounded to subangular; dry; very stiff; dark gray (10YR 4/1). | | |
| 3 | | | 60 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; black (10YR 2/1). | | |
| 5 | | | | | 0.0 | | (4.0-6.6') SILT, nonplastic, rapid dilatancy; some sand, very fine; dry; loose; very dark grayish brown (10YR 4/2). | (2.5-15.0') Filter Pack Sand | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | (6.6-7.2') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; moist; loose; dark gray (10YR 4/1). Note: Boring appeared wet at 7.0' bgs. | | |
| 8 | | | 40 | | 0.0 | | (7.2-7.5') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; little small pebbles, subrounded to subangular; poorly sorted; wet; loose; brown (10YR 5/3). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (7.5-9.6') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; wet; loose; brown (10YR 5/3). | (8.0-13.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 11 | | | | | NR | | (9.6-11.7') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; poorly sorted. | | |
| 12 | | | | | NR | | (11.7-12.6') SAND, very fine to fine, subrounded to subangular; some silt; well sorted; moist; loose; gray (10YR 4/1). | | |
| 13 | | | 40 | | NR | | (12.6-15.0') CLAY, high plasticity, no dilatancy; dry; very stiff; gray (10YR 4/1). | | |
| 14 | | | | | NR | | | | |
| 15 | | | | | NR | | | | |
| | | | | | | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.3
North Coor: 320264.7
East Coor: 13389279.1

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Boring No.: MW-187S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 04/09/2019
Logger: S. Johnson
Project Number: MI001454
Date Completed: 04/09/2019
Editor: C. O'Neill
Project Location: Livonia, MI
Weather Conditions: 58° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') ASPHALT. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, very fine, subrounded to subangular; little silt; well sorted; moist; loose; dark grayish brown (10YR 4/2). | | |
| 3 | | | | | 0.0 | | (1.0-3.0') CLAY, high plasticity, no dilatancy; little small pebbles, subrounded to subangular; dry; very stiff; dark gray (10YR 4/1). | 2.0" dia. SCH-40 PVC Casing (0.5-1.5') | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND, very fine, subrounded to subangular; some silt; well sorted; dry; loose; black (10YR 2/1). | Bentonite Pellets (1.5-10.0') | |
| 5 | | | | | 0.0 | | (4.0-6.5') SILT, nonplastic, rapid dilatancy; some sand, very fine; moist; loose; very dark grayish brown (10YR 4/2). | Filter Pack Sand (3.0-8.0') | |
| 6 | | | 42 | | 0.0 | | | 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | | 0.0 | | (6.5-7.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; wet; loose; dark gray (10YR 4/1). | | |
| 8 | | | | | 0.0 | | (7.0-7.5') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; little small pebbles, subrounded to subangular; poorly sorted; wet; loose; brown (10YR 4/3). | | |
| 9 | | | | | 0.0 | | (7.5-9.5') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; wet; loose; brown (10YR 5/3). | | |
| 10 | | | | | 0.0 | | (9.5-10.0') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; poorly sorted. | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.3
North Coor: 320264.4
East Coor: 13389280.4

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

Boring No.: MW-188S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 04/03/2019
Logger: S. Johnson
Project Number: MI001454
Date Completed: 04/03/2019
Editor: C. O'Neill
Project Location: Livonia, MI
Weather Conditions: 46° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') ASPHALT. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, very fine to fine, subrounded to subangular; little silt; well sorted; dry; loose; very dark gray (10YR 3/1). | | |
| 3 | | | | | 0.0 | | (1.0-3.0') CLAY, high plasticity, no dilatancy; dry; very stiff; black (10YR 2/1). | 2.0" dia. SCH-40 PVC Casing (0.5-1.5') Bentonite Pellets (1.5-10.0') Filter Pack Sand (3.0-8.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 4 | | | | | 0.0 | | (3.0-4.0') SILT, low plasticity, slow dilatancy; some clay; dry; soft; black (10YR 2/1). Note: Slight odor from 3.0-4.0' bgs. | | |
| 5 | | | | | 0.0 | | (4.0-7.0') SILT, nonplastic, rapid dilatancy; moist; soft; dark gray (10YR 4/1). Note: Boring appeared wet at 5.0' bgs. | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 33 | | 0.0 | | (7.0-7.7') SAND, fine to coarse, subrounded to subangular; some granules to small pebbles, subrounded to subangular; trace medium pebbles, subrounded to subangular; poorly sorted; wet; loose; dark gray (10YR 4/1). | | |
| 9 | | | | | 0.0 | | (7.7-8.9') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; moist; medium dense; grayish brown (10YR 5/2). | | |
| 10 | | | | | 0.0 | | (8.9-10.0') SAND, very fine to fine, subrounded to subangular; well sorted; moist; medium dense; grayish brown (10YR 5/2). End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 659.3
North Coor: 320402.9
East Coor: 13389289.0

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-189

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 04/04/2019
Date Completed: 04/04/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 39° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') ASPHALT. | 8.0" Flush Mount (0.0-0.5') Cement | |
| | | | | | 0.0 | | (0.3-2.0') SAND, very fine, subrounded to subangular; trace pebbles; well sorted; dry; loose; gray (10YR 5/1). | | |
| 2 | | | | | | | | | |
| 3 | | | 60 | | 0.0 | | (2.0-5.5') SAND, very fine to fine, subrounded to subangular; some silt; little medium pebbles, subrounded to subangular; well sorted; dry; loose; very dark gray (10YR 3/1). | 2.0" dia. SCH-40 PVC Casing (0.5-2.5') Bentonite Pellets | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | (5.5-8.4') SILT, nonplastic, rapid dilatancy; little sand, subrounded to subangular; moist; soft; grayish brown (10YR 5/2). | (2.5-15.0') Filter Pack Sand | |
| 7 | | | | | 0.0 | | Note: Boring appeared wet at 6.5' bgs. | | |
| 8 | | | 51 | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.4-8.7') CLAY, medium plasticity, no dilatancy; little silt; wet; soft; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.0 | | (8.7-9.4') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; moist; loose; gray (10YR 5/1). | | |
| 11 | | | | | 0.0 | | (9.4-11.1') SAND, fine to medium, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; moist; loose; gray (10YR 5/1). | (10.0-15.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 12 | | | | | 0.0 | | (11.1-11.5') SAND, fine, subrounded to subangular; trace medium pebbles, subrounded to subangular; well sorted; moist; medium dense; gray (10YR 5/1). | | |
| 13 | | | 60 | | 0.0 | | (11.5-13.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; moist; medium dense; dark gray (10YR 5/1). | | |
| 14 | | | | | 0.0 | | (13.0-13.3') SILT, nonplastic, rapid dilatancy; some sand, subrounded to subangular; dry; soft; very dark gray (10YR 3/1). | | |
| 15 | | | | | 0.0 | | (13.3-13.6') SAND, fine to medium, subrounded to subangular; well sorted; dry; loose; very dark gray (10YR 3/1). | | |
| 16 | | | | | | | (13.6-15.0') CLAY, high plasticity, no dilatancy; dry; very stiff; dark gray (10YR 4/1). | | |
| 17 | | | | | | | End of boring at 15.0' bgs. | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 661.1
North Coor: 320781.7
East Coor: 13389089.1

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-189S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 04/04/2019
Date Completed: 04/04/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 39° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') ASPHALT. | 8.0" Flush Mount (0.0-0.5') Cement | |
| | | | | | 0.0 | | (0.3-2.0') SAND, very fine, subrounded to subangular; trace pebbles; well sorted; dry; loose; gray (10YR 5/1). | | |
| 2 | | | | | | | | | |
| 3 | | | 60 | | 0.0 | | (2.0-5.5') SAND, very fine to fine, subrounded to subangular; some silt; little medium pebbles, subrounded to subangular; well sorted; dry; loose; very dark gray (10YR 3/1). | 2.0" dia. SCH-40 PVC Casing (0.5-2.5') | |
| 4 | | | | | 0.0 | | | Bentonite Pellets (2.5-10.0') | |
| 5 | | | | | 0.0 | | | Filter Pack Sand | |
| 6 | | | | | 0.0 | | (5.5-8.4') SILT, nonplastic, rapid dilatancy; little sand, subrounded to subangular; moist; soft; grayish brown (10YR 5/2). | | |
| 7 | | | | | 0.0 | | | (4.5-9.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 8 | | | 52 | | 0.0 | | Note: Boring appeared wet at 7.0' bgs. | | |
| 9 | | | | | 0.0 | | (8.4-9.4') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; moist; loose; gray (10YR 5/1). | | |
| 10 | | | | | 0.0 | | (9.4-10.0') SAND, fine to medium, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; moist; loose; gray (10YR 5/1). | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 661.2
North Coor: 320785.3
East Coor: 13389090.8

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-190

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 04/04/2019
Date Completed: 04/04/2019

Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 36° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') ASPHALT. | 8.0" Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, very fine to fine, subrounded to subangular; trace medium pebbles; well sorted; moist; loose; dark yellowish brown (10YR 4/4). | | |
| 3 | | | | | 0.0 | | (1.0-3.0') SAND, very fine to fine, subrounded to subangular; well sorted; moist; yellowish brown (10YR 5/4). | 2.0" dia. SCH-40 PVC Casing (0.5-2.5') Bentonite Pellets | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND, fine to medium, subrounded to subangular; well sorted; moist; grayish brown (10YR 5/2). | | |
| 5 | | | | | 0.0 | | (4.0-6.0') SAND, fine to coarse, angular to subangular; some granules, subrounded to subangular; some small pebbles, subrounded to subangular; trace medium pebbles, subrounded to subangular; poorly sorted; wet; loose; dark gray (10YR 4/1). Note: Boring appeared wet at 5.0' bgs. | | |
| 6 | | | | | 0.0 | | (6.0-6.3') SAND, very fine, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; wet; soft; dark gray (10YR 4/1). | (2.5-15.0') Filter Pack Sand | |
| 7 | | | | | 0.0 | | (6.3-6.6') SAND, fine to coarse, subrounded to subangular; and GRANULES, subrounded to subangular; poorly sorted; moist; loose; dark gray (10YR 4/1). | | |
| 8 | | | 44 | | 0.0 | | (6.6-7.1') PEBBLES, small, subrounded to subangular; some medium pebbles, subrounded to subangular; little granules, subrounded to subangular; poorly sorted; wet; loose; dark gray (10YR 4/1). | | |
| 9 | | | | | 0.0 | | (7.1-7.9') SAND, fine to coarse, subrounded to subangular; and GRANULES, subrounded to subangular; some small pebbles, subrounded to subangular; poorly sorted; moist; loose; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.0 | | (7.9-11.4') SAND, fine to medium, subrounded to subangular; trace small pebbles; well sorted; moist; medium dense; dark gray (10YR 4/1). | | |
| 11 | | | | | 0.0 | | (11.4-12.2') SAND, medium to coarse, subrounded to subangular; little granules, subrounded to subangular; well sorted; moist; loose; dark gray (10YR 4/1). | (9.0-14.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 12 | | | | | 0.0 | | (12.2-13.5') SILT, nonplastic, rapid dilatancy; little sand, subrounded to subangular; poorly sorted; moist; medium dense; dark gray (10YR 4/1). | | |
| 13 | | | 40 | | 0.0 | | (13.5-15.0') CLAY, high plasticity, no dilatancy; dry; very stiff; dark gray (10YR 4/1). | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 662.0
North Coor: 320688.9
East Coor: 13388157.3

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-190S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 04/04/2019
Date Completed: 04/04/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 36° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') ASPHALT. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-10.0') Filter Pack Sand (2.5-7.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, very fine to fine, subrounded to subangular; trace medium pebbles; well sorted; moist; loose; dark yellowish brown (10YR 4/4). | | |
| 3 | | | | | 0.0 | | (1.0-3.0') Lithology was not logged. | | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND, fine to medium, subrounded to subangular; well sorted; moist; loose; grayish brown (10YR 5/2). | | |
| 5 | | | | | 0.0 | | (4.0-6.0') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; poorly sorted; wet; loose; dark gray (10YR 4/1). Note: Boring appeared wet at 5.0' bgs. | | |
| 6 | | | 40 | | 0.0 | | (6.0-7.8') SAND, very fine, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; wet; soft; dark gray (10YR 4/1). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | (7.8-8.1') PEBBLES, small, subrounded to subangular; some medium pebbles, subrounded to subangular; little granules, subrounded to subangular; well sorted; wet; loose; dark gray (10YR 4/1). | | |
| 9 | | | | | 0.0 | | (8.1-10.0') SAND, fine to coarse, subrounded to subangular; and GRANULES, subrounded to subangular; poorly sorted; moist; loose; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.0 | | End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 661.9
North Coor: 320693.0
East Coor: 13388159.1

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-191S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 04/03/2019
Date Completed: 04/03/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 55° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') ASPHALT. | 8.0" Flush Mount (0.0-0.5') Cement (0.5-1.5') Bentonite Pellets 2.0" dia. SCH-40 PVC Casing (1.5-10.0') Filter Pack Sand (2.5-7.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-1.0') SAND, very fine, subrounded to subangular; some silt; well sorted; moist; loose; brown (10YR 5/3). | | |
| 3 | | | | | 0.0 | | (1.0-2.0') SAND, very fine, subrounded to subangular; well sorted; moist; loose; yellowish brown (10YR 5/6). | | |
| 4 | | | | | 0.0 | | (2.0-3.0') SAND, very fine, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; wet; loose; dark grayish brown (10YR 4/2). | | |
| 5 | | | | | 0.0 | | (3.0-4.0') SAND, fine to medium, subrounded to subangular; some granules; well sorted; wet; loose; very dark gray (10YR 3/1). | | |
| 6 | | | 44 | | 0.0 | | (4.0-5.0') SAND, fine to medium, subrounded to subangular; trace granules; well sorted; wet; loose; very dark gray (10YR 3/1). | | |
| 7 | | | | | 0.0 | | (5.0-6.0') SAND, fine to medium, subrounded to subangular; well sorted; wet; soft; brown (10YR 5/3). | | |
| 8 | | | | | 0.0 | | (6.0-7.3') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; some little pebbles, subrounded to subangular; trace medium pebbles, subrounded to subangular; poorly sorted; moist; loose; brown (10YR 5/3). | | |
| 9 | | | | | 0.0 | | (7.3-10.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded to subangular; well sorted; moist; loose; dark gray (10YR 4/1). | | |
| 10 | | | | | 0.0 | | | | |
| | | | | | | | End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 663.4
North Coor: 320566.4
East Coor: 13387749.6

SOIL BORING LOG_2013 \\ARCADIS-US.COM\OFFICE\DATA\NOV1-MI\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_111019.GPJ ARCADIS_2013.GDT 11/15/19

# Soil Boring Log

Boring No.: MW-192S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 04/09/2019
Date Completed: 04/09/2019
Logger: S. Johnson
Editor: C. O'Neill
Weather Conditions: 50° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | NR | | (0.0-0.3') TOPSOIL. | 8.0" Flush Mount (0.0-0.5') Cement 2.0" dia. SCH-40 PVC Casing (0.5-2.5') Bentonite Pellets (2.5-10.0') Filter Pack (2.5-7.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 2 | | | | | NR | | (0.3-1.0') SAND, very fine, subrounded to subangular; trace medium pebbles, subrounded to subangular; some silt; well sorted; dry; loose; dark brown (10YR 3/3). | | |
| 3 | | | | | NR | | (1.0-2.0') SAND, fine to medium, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; moist; loose; brown (10YR 5/3). | | |
| 4 | | | | | NR | | (2.0-6.4') SAND, fine to coarse, subrounded to subangular; little granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; wet; loose; brown (10YR 5/3). NOTE: Boring appeared wet at 3.5' bgs. | | |
| 5 | | | | | NR | | | | |
| 6 | | | 48 | | NR | | | | |
| 7 | | | | | NR | | (6.4-7.0') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; little to trace pebbles, subrounded to subangular; poorly sorted; wet; loose; brown (10YR 5/3). | | |
| 8 | | | | | NR | | (7.0-7.6') SAND, fine to medium, subrounded to subangular; well sorted; wet; brown (10YR 5/3). | | |
| 9 | | | | | NR | | (7.6-8.4') SAND, very fine, subrounded to subangular; some silt; well sorted; wet; loose; gray (10YR 5/1). | | |
| 10 | | | | | NR | | (8.4-9.1') CLAY, medium plasticity, slow dilatancy; some silt; wet; gray (10YR 5/1). (9.1-10.0') CLAY, high plasticity, no dilatancy; little silt; moist; gray (10YR 5/1). End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 654.9
North Coor: 319372.7
East Coor: 13389256.9

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# Soil Boring Log

Boring No.: MW-193S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 08/06/2019
Date Completed: 08/06/2019
Logger: I. Drost
Editor: C. O'Neill
Weather Conditions: 70° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.5-3.5') SAND, very fine to medium, subrounded; little coarse sand, subrounded; trace pebbles, subrounded; poorly sorted; dry; dark brown (10YR 3/3). | 2.0" dia. SCH-40 PVC Casing (1.0-2.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | Note: Trace cobbles at 2.0' bgs. | 6.25" dia. drilled hole (2.0-10.0') Filter Pack Sand (3.0-8.0') | |
| 4 | | | | | 0.0 | | (3.5-5.5') SAND, very fine to medium, subrounded; little silt; poorly sorted; moist; brown (10YR 4/3). | 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 5 | | | | | 0.0 | | Note: Boring appeared wet at 4.5' bgs. | | |
| 6 | | | 30 | | 0.0 | | (5.5-6.5') SAND, fine to medium, subrounded; little silt; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 7 | | | | | 0.0 | | (6.5-9.8') SAND, medium to coarse, subrounded to subangular; little fine sand, subrounded; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.8-10.0') SAND, very fine to fine, subrounded; little silt; well sorted; wet; brown (10YR 5/3). | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: M. Ryeson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 664.0
North Coor: 319328.9
East Coor: 13387949.3

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# Soil Boring Log

Boring No.: MW-207S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: 30080642
Project Location: Livonia, MI

Date Started: 12/17/2019
Date Completed: 12/17/2019

Logger: C. Cisco
Editor: C. Cisco
Weather Conditions: 28° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | NR | | (0.0-0.3') TOPSOIL/GRASS. | 5.0" dia. Flush Mount (0.0-0.5') Cement | |
| 2 | | | | | NR | | (0.3-8.4') SAND, fine to medium, subrounded to subangular; trace sand, coarse, subrounded to subangular; well sorted; dry to wet; yellowish brown (10YR 5/8) to brownish yellow (10YR 6/6). | 2.0" dia. SCH-40 PVC Casing | |
| 3 | | | 60 | | NR | | | 4.25" dia. drilled hole (0.5-3.5') Bentonite Pellets (3.5-10.0') | |
| 4 | | | | | NR | | | Filter Pack Sand (4.5-9.5') | |
| 5 | | | | | NR | | | 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 6 | | | | | NR | | Note: Boring appeared moist at 5.5' bgs. | | |
| 7 | | | | | NR | | Note: Boring appeared wet at 6.2' bgs. | | |
| 8 | | | 43 | | NR | | | | |
| 9 | | | | | NR | | (8.4-10.0') SAND, medium to very coarse, subrounded to subangular; some granules, subangular; poorly sorted; wet; grayish brown (10YR 5/2). Note: Some pebbles, small, subangular present from 8.7-8.9' bgs. | | |
| 10 | | | | | NR | | End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.2
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 660.7
North Coor: 319807.9
East Coor: 13389692.3

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# Soil Boring Log

Boring No.: MW-214S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: 30080642
Project Location: Livonia, MI

Date Started: 01/21/2020
Date Completed: 01/21/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 20° F, Cloudy, Slight Wind

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.5') ASPHALT. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.5-7.5') SAND, fine to medium, subrounded to subangular; trace pebbles, small, subangular; well sorted; dry; brownish yellow (10YR 6/6) to yellowish brown (10YR 5/8). | 2.0" dia. SCH-40 PVC Casing (1.0-4.5') Bentonite Pellets | |
| 3 | | | 60 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | (4.5-15.0') Filter Pack Sand | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 46 | | 0.0 | | (7.5-9.0') SAND, fine to medium, subrounded to subangular; some silt; well sorted; moist to wet; brown (10YR 5/3). Note: Wet at 7.54' bgs. | (5.5-10.5') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 9 | | | | | 0.0 | | Note: Small clay lense, high plasticity, no dilatancy >0.5" thick at 8.9' bgs. | | |
| 10 | | | | | 0.0 | | (9.0-9.5') SAND, very fine to very coarse, subrounded to subanglar; some granules, subrounded to subangular; some pebbles, small, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). | | |
| 11 | | | | | 0.0 | | (9.5-11.8') SAND, fine to medium, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; wet; grayish brown (10YR 5/2). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 36 | | 0.0 | | (11.8-15.0') SAND, very fine to very coarse, subrounded to subangular; some granules, subrounded to subangular; some pebbles, small to medium, subrounded to subangular; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.54
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 668.6
North Coor: 320314.3
East Coor: 13387423.2

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# Soil Boring Log

Boring No.: MW-215S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: 30080642
Project Location: Livonia, MI

Date Started: 01/21/2020
Date Completed: 01/21/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 21° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') GRAVEL. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing (1.0-2.0') Bentonite Pellets (2.0-10.0') Filter Pack Sand (3.0-8.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 2 | | | | | 0.0 | | (0.3-4.0') SAND, fine to medium, subrounded to subangular; trace pebbles, small, subrounded to subangular; well sorted; dry; yellowish brown (10YR 5/6). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | (4.0-6.5') SAND, medium to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; little pebbles, small, subrounded to subangular; poorly sorted; moist to wet; brown (10YR 5/3). Note: Wet at 5.2' bgs. | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | 41 | | 0.0 | | (6.5-7.5') SAND, fine to medium, subrounded to subangular; little silt; well sorted; wet; yellowish brown (10YR 5/6). | | |
| 8 | | | | | 0.0 | | (7.5-9.2') SILT, nonplastic, rapid dilatancy; some sand, fine to medium, subrounded to subangular; wet; gray (10YR 6/1). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.2-10.0') SAND, fine to very coarse, subrounded to subangular; some granules, subrounded to subangular; some pebbles, small, subrounded to subangular; poorly sorted; wet; gray (10YR 6/1). End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.2
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 666.2
North Coor: 318625.8
East Coor: 13387881.9

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# Soil Boring Log

Boring No.: MW-216S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: 30080642
Project Location: Livonia, MI

Date Started: 01/21/2020
Date Completed: 01/21/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 22° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-9.0') SAND, fine to medium, subrounded to subangular; dry to moist; well sorted; brown (10YR 5/3) to strong brown (7.5YR 4/6). | 2.0" dia. SCH-40 PVC Casing (1.0-5.0') Bentonite Pellets | |
| 3 | | | 60 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | (5.0-15.0') Filter Pack Sand | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 38 | | 0.0 | | Note: Color change to light brownish gray (10YR 6/2) at 7.5' bgs. | (6.0-11.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 9 | | | | | 0.0 | | Note: Wet at 8.11' bgs. | | |
| 10 | | | | | 0.0 | | (9.0-13.5') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine; wet; soft; light brownish gray (10YR 6/2). | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 46 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | (13.5-15.0') SAND, medium to very coarse, subrounded to subangular; some granules, subrounded to subangular; little sand, fine; trace pebbles, small, subrounded to subangular; poorly sorted; wet; light brownish gray (10YR 6/2). | | |
| | | | | | | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.11
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.0
North Coor: 318649.4
East Coor: 13388302.4

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# Soil Boring Log

Boring No.: MW-217S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: 30080642
Project Location: Livonia, MI
Date Started: 01/22/2020
Date Completed: 01/22/2020
Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 19° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-8.0') SAND, fine to medium, subrounded to subangular; trace pebbles, small, subrounded; well sorted; dry; dark brown (10YR 3/3) to yellowish brown (10YR 5/6). | 2.0" dia. SCH-40 PVC Casing (1.0-5.0') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | (5.0-15.0') Filter Pack Sand | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 39 | | 0.0 | | Note: Small clay lense, high plasticity, no dilatancy, <0.5" thick at 8.1' bgs. | (6.0-11.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 9 | | | | | 0.0 | | (8.0-8.8') SAND, fine to medium, subrounded to subangular; some silt; well sorted; moist to wet; brown (10YR 5/3). Note: Wet at 7.85' bgs. | | |
| 10 | | | | | 0.0 | | (8.8-9.1') SAND, fine to medium, subrounded to subangular; little sand, coarse, subrounded to subangular; little silt; well sorted; wet; brown (10YR 5/3). | | |
| 11 | | | | | 0.0 | | (9.1-12.2') SILT, nonplastic, rapid dilatancy; some sand, fine to medium, subrounded to subangular; wet; light yellowish brown (10YR 6/4). | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 42 | | 0.0 | | (12.2-12.6') SAND, fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; some pebbles, small, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). | | |
| 14 | | | | | 0.0 | | (12.6-12.8') SAND, fine to medium, subrounded to subangular; some silt; well sorted; wet; pale brown (10YR 6/3). | | |
| 15 | | | | | 0.0 | | (12.8-13.2') SAND, fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; some pebbles, small, subrounded to subangular; poorly sorted; wet; brown (10YR 5/3). | | |
| 16 | | | | | | | (13.2-15.0') SAND, fine to coarse, subrounded to subangular; trace pebbles, small, subrounded to subangular; little silt; poorly sorted; wet; brown (10YR 5/3). | | |
| 17 | | | | | | | End of boring at 15.0' bgs. | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.85
Water Level Finish (ft. btoc.):
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 667.2
North Coor: 318642.8
East Coor: 13388111.3

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# Soil Boring Log

Boring No.: MW-223S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: 30080642
Project Location: Livonia, MI

Date Started: 01/28/2020
Date Completed: 01/28/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 34° F, Snowing

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | NM | | (0.0-0.5') ASPHALT. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing | |
| | | | | | 0.0 | | (0.5-6.8') SAND, fine to medium, subrounded to subanglar; trace pebbles, small to medium, subrounded to subangular; well sorted; dry; dark yellowish brown (10YR 4/6). | | |
| 2 | | | | | 0.0 | | | | |
| 3 | | | 60 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | (1.0-7.5') Bentonite Pellets | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | (6.8-7.0') CLAY, high plasticity, no to slow dilatancy; trace silt; dry; soft; gray (10YR 5/1). | | |
| 8 | | | 44 | | 0.0 | | (7.0-20.0') SAND, fine to medium, subrounded to subangular; little sand, coarse, subrounded to subangular; trace pebbles, small, subrounded to subangular; dry to wet; well sorted; dark yellowish brown (10YR 4/6). | (7.5-20.0') Filter Pack Sand | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | Note: Poor recovery from 10-20.0'bgs due to flowing wet sands. | (8.5-13.5') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 17 | | NM | | Note: Boring appears wet at 10.7' bgs. Depth to water measured mannually with measuring tape. | | |
| 14 | | | | | NM | | | | |
| 15 | | | | | NM | | | | |
| 16 | | | | | 0.0 | | | | |
| 17 | | | | | NM | | | | |
| 18 | | | 8 | | NM | | | | |
| 19 | | | | | NM | | | | |
| 20 | | | | | NM | | End of boring at 20.0' bgs. | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 10.7
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.3
North Coor: 317925.7
East Coor: 13387736.0

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_10282022.GPJ ARCADIS_2013.GDT 10/26/22

# Soil Boring Log

Boring No.: MW-225S

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: 30080642
Project Location: Livonia, MI

Date Started: 01/30/2020
Date Completed: 01/30/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 30° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | | 0.0 | | (0.3-6.0') SAND, fine to medium, subrounded to subangular; trace pebbles, small, subrounded; well sorted; dry; yellowish brown (10YR 5/6) to (10YR 5/4). | 2.0" dia. SCH-40 PVC Casing (1.0-4.5') Bentonite Pellets | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | (4.5-15.0') Filter Pack Sand | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | 53 | | 0.0 | | (6.0-8.0') SILT, nonplastic, rapid dilatancy; some sand, very fine to fine; dry to wet; soft; yellowish brown (10YR 5/4). Note: Wet at 7.34' bgs. | (5.5-10.5') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.0-8.5') CLAY, high plasticity, slow dilatancy; wet; soft; grayish brown (10YR 5/2). (8.5-11.5') SILT, nonplastic, rapid dilatancy; wet; soft; yellowish brown (10YR 5/4). | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | 42 | | 0.0 | | (11.5-12.1') CLAY, high plasticity, slow dilatancy; trace silt; wet; soft; grayish brown (10YR 5/2). | | |
| 13 | | | | | 0.0 | | (12.1-15.0') SAND, fine to medium, subrounded to subangular; some sand, coarse to very coarse, subrounded to subagular; trace pebbles, small, subrounded to subangular; well sorted; wet; grayish brown (10YR 5/2). | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.34
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 665.7
North Coor: 318448.0
East Coor: 13388377.6

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_10282022.GPJ ARCADIS_2013.GDT 10/26/22

ARCADIS Design & Consultancy for natural and built assets

# Soil Boring Log

Boring No.: MW-15-61D

Sheet: 1 of 4

Project Name: Ford Livonia Transmission Plant
Project Number: MI001304.0001
Project Location: Livonia, Michigan

Date Started: 12/28/2015
Date Completed: 12/28/2015

Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: Overcast, Sleet, 30F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1–5 | | | 60 | | NA | | (0.0-0.4') ASPHALT.<br>(0.4-5.0') SAND, fine to medium, rounded to subrounded; well sorted; dry; brown (10YR 4/3). | (0.0-94.0') 2" PVC riser | |
| 6–8 | | | 36 | | NA | | (5.0-8.5') SAND, fine to medium, subrounded to subangular; little clay; trace granules, subrounded; poorly sorted; moist; brown (10YR 4/3). | | |
| 9–10 | | | | | | | (8.5-10.5') SAND, fine to medium, subrounded to subangular; trace granules, subrounded; well sorted; moist; grayish brown (10YR 5/2). | | |
| 11 | | | | | | | (10.5-11.5') PEBBLES, medium, subrounded to subangular; and SAND, medium to granules, subrounded to subangular; poorly sorted; moist; grayish brown (10YR 5/2). | (1.0-84.0') Bentonite grout | |
| 12–13 | | | 92 | | NA | | (11.5-14.0') SAND, fine to medium, subrounded to subangular; trace silt; well sorted; moist; grayish brown (10YR 5/2). | | |
| 14–18 | | | | | | | (14.0-19.5') SAND, very fine; some silt; well sorted; moist to wet; gray (2.5Y 5/1). | | |
| 19–22 | | | | | | | (19.5-23.5') SILT, little very fine sand; low plasticity; rapid dilatancy; moist to wet; dark gray (2.5Y 4/1). | | |
| 23 | | | 110 | | NA | | | | |
| 24–25 | | | | MW-15-61D_24 | | | (23.5-60.0') CLAY, little silt; trace granules to small pebbles, subrounded to subangular; medium to high plasticity; slow dilatancy; moist; medium stiff; dark gray (2.5Y 4/1). | | |

Drilling Co.: Stock Drilling
Driller: Austin Goldsmith
Drilling Method: Sonic Drilling
Drilling Fluid: Water
Remarks: Hand Auger to 6.0' bgs.
PID lamp failed during boring completion.
Static water level = 73.23' btoc (1/20/2016).

Sampling Method: 4" Core Barrel
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 670.8
North Coor: 319089.3
East Coor: 13387240.3

SOIL BORING LOG_2013 N:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\FORD LTP BORING LOGS.GPJ ARCADIS.GDT 2/18/16

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# Soil Boring Log

Boring No.: MW-15-61D



Project Name: Ford Livonia Transmission Plant
Project Number: MI001304.0001
Project Location: Livonia, Michigan

Date Started: 12/28/2015
Date Completed: 12/28/2015

Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: Overcast, Sleet, 30F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 26 | | | | | | | (23.5-60.0') CLAY, little silt; trace granules to small pebbles, subrounded to subangular; medium to high plasticity; slow dilatancy; moist; medium stiff; dark gray (2.5Y 4/1). | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | Note: Stiff to very stiff starting at 29.0' bgs. | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| 32 | | | | | | | | | |
| 33 | | | 84 | | NA | | | | |
| 34 | | | | MW-15-61D_34 | | | | | |
| 35 | | | | | | | | | |
| 36 | | | | | | | | | |
| 37 | | | | | | | | | |
| 38 | | | | | | | | | |
| 39 | | | | | | | | | |
| 40 | | | | | | | | | |
| 41 | | | | | | | | | |
| 42 | | | | | | | | | |
| 43 | | | 120 | | NA | | | | |
| 44 | | | | MW-15-61D_44 | | | | | |
| 45 | | | | | | | | | |
| 46 | | | | | | | | | |
| 47 | | | | | | | | | |
| 48 | | | | | | | | | |
| 49 | | | | | | | | | |
| 50 | | | | | | | | | |
| 51 | | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 N:\COMMONFORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\FORD LTP BORING LOGS.GPJ ARCADIS.GDT 2/18/16

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# Soil Boring Log

Boring No.: MW-15-61D

Sheet: 3 of 4

Project Name: Ford Livonia Transmission Plant
Project Number: MI001304.0001
Project Location: Livonia, Michigan

Date Started: 12/28/2015
Date Completed: 12/28/2015

Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: Overcast, Sleet, 30F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 53 | | | 101 | MW-15-61D_54 | NA | | (23.5-60.0') CLAY, little silt; trace granules to small pebbles, subrounded to subangular; medium to high plasticity; slow dilatancy; moist; medium stiff; dark gray (2.5Y 4/1). | | |
| 54 | | | | | | | | | |
| 55 | | | | | | | | | |
| 56 | | | | | | | | | |
| 57 | | | | | | | | | |
| 58 | | | | | | | | | |
| 59 | | | 110 | MW-15-61D_64 | NA | | (60.0-64.0') CLAY and SILT; no to low plasticity; no to slow dilatancy; dry to moist; stiff; gray (2.5Y 5/1). | | |
| 60 | | | | | | | | | |
| 61 | | | | | | | | | |
| 62 | | | | | | | | | |
| 63 | | | | | | | | | |
| 64 | | | | | | | (64.0-69.0') CLAY, little to some silt, no to low plasticity, no dilatancy; and SAND, fine, little granules to small pebbles, subrounded; dry; very stiff; dark grayish brown (10YR 4/2). | | |
| 65 | | | | | | | | | |
| 66 | | | | | | | | | |
| 67 | | | | | | | | | |
| 68 | | | | MW-15-61D_68 | | | | | |
| 69 | | | 120 | | NA | | (69.0-81.5') CLAY and SILT, no to low plasticity; no dilatancy; little granules to medium pebbles, subrounded to subangular; dry to moist; very stiff; dark gray (2.5Y 4/1). | | |
| 70 | | | | | | | | | |
| 71 | | | | | | | | | |
| 72 | | | | | | | | | |
| 73 | | | | | | | | | |
| 74 | | | | | | | | | |
| 75 | | | | | | | | | |
| 76 | | | | | | | | | |
| 77 | | | | | | | | | |
| 78 | | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 N:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\FORD LTP BORING LOGS.GPJ ARCADIS.GDT 2/18/16

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# Soil Boring Log

Boring No.: MW-15-61D

Sheet: 4 of 4

Project Name: Ford Livonia Transmission Plant
Project Number: MI001304.0001
Project Location: Livonia, Michigan

Date Started: 12/28/2015
Date Completed: 12/28/2015

Logger: A. DeGrandis
Editor: T. Stevens
Weather Conditions: Overcast, Sleet, 30F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 79 | | | | | | | (69.0-81.5') CLAY and SILT, no to low plasticity; no dilatancy; little granules to medium pebbles, subrounded to subangular; dry to moist; very stiff; dark gray (2.5Y 4/1). | | |
| 80 | | | | | | | | | |
| 81 | | | | | | | | | |
| 82 | | | | | | | (81.5-85.0') PEBBLES, small to medium; and SAND, fine to medium, subrounded to subangular; some clay; poorly sorted; moist; very dark grayish brown (10YR 3/2). | | |
| 83 | | | 120 | | NA | | | | |
| 84 | | | | | | | | | |
| 85 | | | | | | | | | |
| 86 | | | | | | | (85.0-88.0') PEBBLES, small to medium, subrounded to subangular; little fine to medium sand; poorly sorted; dry; variable color.<br>Note: Shale fragments from 86.0 to 87.0' bgs. Moist to wet at 87.5' bgs. | | |
| 87 | | | | | | | | | |
| 88 | | | | | | | | (86.0-94.0') K&E #7 filter sand | |
| 89 | | | | | | | (88.0-91.5') SAND, fine; some small to medium pebbles, subrounded to subangular; poorly sorted; dry; brown (10YR 5/3). | | |
| 90 | | | | | | | | | |
| 91 | | | 60 | | NA | | | (88.0-93.0') 2" stainless 10-slot screen | |
| 92 | | | | | | | (91.5-94.0') Weathered SHALE; dry; dark gray (2.5Y 4/1) to very dark gray (2.5Y 3/1). | | |
| 93 | | | | | | | | | |
| 94 | | | | | | | End of Boring at 94.0' bgs. | | |
| 95 | | | | | | | | | |
| 96 | | | | | | | | | |
| 97 | | | | | | | | | |
| 98 | | | | | | | | | |
| 99 | | | | | | | | | |
| 100 | | | | | | | | | |
| 101 | | | | | | | | | |
| 102 | | | | | | | | | |
| 103 | | | | | | | | | |
| 104 | | | | | | | | | |
| 105 | | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 N:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\FORD LTP BORING LOGS.GPJ ARCADIS.GDT 2/18/16

PROJECT No.: 1412419 / 0002
CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: East Fence

# RECORD OF BOREHOLE MW-30

BORING DATE: April 9, 2015 - April 9, 2015
DRILLING CONTRACTOR: Terra Probe


DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Cobble | | | | | | | | | | Flush mount |
| | **(SP)** SAND, trace gravel, some organics (1-2') | | 0.00 | 1 | | 40 | | 670 | | | |
| | | | | 2 | | 40 | | | | | |
| 5 | | | | 3 | | 70 | | | ND | | |
| | **(SP)** SAND, trace gravel | | 7.00 | 4 | | 70 | | 665 | | | Soil sample |
| | **(SP)** SAND, trace grave | | 8.00 | 5 | | 80 | | | ND | | Water level observed in open hole during drilling |
| 10 | | | | 6 | | 80 | | | | | |
| | **(GP)** GRAVEL | | 11.00 | 7 | | 80 | | 660 | | | |
| | **(SP)** SAND, trace gravel | | 13.00 | 8 | | 90 | | | | | |
| 15 | **(SM)** SILTY SAND, trace organics (23') | | 15.00 | | | | | 655 | | | |
| | | | | 9 | | 90 | | | | | |
| 20 | | | | | | | | | | | |
| | | | | 10 | | 90 | | 650 | | | |
| | **(CL)** SILTY CLAY | | 23.00 | | | | | | | | |
| | End of . | | 24.00 | | | | | 645 | | | |
| 25 | | | | | | | | | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE
1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS
LOGGED: Stephen Tatum
CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002

CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: East Fence near entrance

# RECORD OF BOREHOLE MW-31

BORING DATE: April 9, 2015 - April 9, 2015
DRILLING CONTRACTOR: Terra Probe

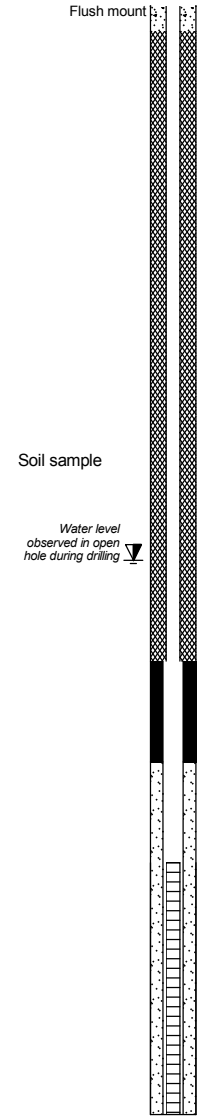
SHEET 1 OF 1

DATUM: Local

| DEPTH SCALE FEET | DESCRIPTION | STRATA PLOT | ELEV. DEPTH (ft) | NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm | ADDITIONAL LAB. TESTING |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Cobble | | | | | | | | | |
| | **(SP)** SAND, trace gravel | | 0.00 | 1 | | 30 | | 670 | | |
| | | | | 2 | | 30 | | | | |
| 5 | | | | 3 | | 60 | | | | |
| | | | | 4 | | 60 | | 665 | ND | |
| | | | | 5 | | 60 | | | | |
| 10 | **(GP)** GRAVEL | | | 6 | | 60 | | | | |
| | **(SM)** SILTY SAND | | 10.50 | 7 | | 60 | | | | |
| | **(SP)** SAND, some organics | | 11.50 | 8 | | 90 | | 660 | | |
| 15 | **(SM)** SILTY SAND, trace CLAY | | 15.50 | 9 | | 90 | | 655 | | |
| | **(SP)** SAND, trace gravel | | | | | | | | | |
| 20 | **(SM)** SILTY SAND | | 19.50 | 10 | | 90 | | 650 | | |
| | **(CL)** SILTY CLAY | | 22.00 | | | | | | | |
| | End of . | | 24.00 | | | | | | | |
| 25 | | | | | | | | 645 | | |
| 30 | | | | | | | | | | |

PID ppm scale: 2 4 6 8

INSTALLATION AND GROUNDWATER OBSERVATIONS




DOWN HOLE DEPTH SCALE

1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS

LOGGED: Stephen Tatum

CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WKOM_ENV (WP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002

CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: South, Plymouth Rd

# RECORD OF BOREHOLE MW-32

BORING DATE: April 10, 2015 - April 10, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1
DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Grass | | | | | | | | | | Flush mount |
| | **(SP)** SAND | | 0.00 | 1 | | 60 | | 670 | | | |
| | | | | 2 | | 60 | | | | | |
| 5 | | | | 3 | | 60 | | | | | |
| | | | | 4 | | 60 | | 665 | | | |
| | | | | 5 | | 90 | | | | | Soil sample |
| | | | | 6 | | 90 | | | | | *Water level observed in open hole during drilling* |
| 10 | **(SP)** SAND, trace to some gravel | | 10.00 | 7 | | 90 | | 660 | | | |
| | | | | 8 | | 90 | | | | | |
| 15 | | | | | | | | | | | |
| | | | | 9 | | 90 | | 655 | | | |
| 20 | **(SM)** SILTY SAND, trace organics | | 17.50 | | | | | | | | |
| | | | | 10 | | 90 | | 650 | | | |
| | **(CL)** SILTY CLAY | | 22.50 | | | | | | | | |
| 25 | End of . | | 24.00 | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE

1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS

LOGGED: Stephen Tatum

CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WKOM_ENV (WP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002

CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: South, Plymouth Rd

# RECORD OF BOREHOLE MW-33

BORING DATE: April 10, 2015 - April 10, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1
DATUM: Local

| DEPTH SCALE FEET | DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Grass | | | | | | | | | | Flush mount |
| | **(SP)** SAND, trace gravel | | 0.00 | 1 | | 50 | | 670 | ⊕ | | |
| | | | | 2 | | 50 | | | ⊕ | | |
| 5 | | | | 3 | | 60 | | | ⊕ | | |
| | | | | | | | | 665 | | | |
| | | | | 4 | | 60 | | | ⊕ | | Soil sample |
| | | | | 5 | | 70 | | | ⊕ | | *Water level observed in open hole during drilling* |
| | | | | 6 | | 70 | | | | | |
| 10 | **(SM)** SILTY SAND | | | 7 | | 70 | | 660 | | | |
| | **(SP)** SAND, some gravel | | 11.00 | | | | | | | | |
| | **(SM)** SILTY SAND | | 14.00 | 8 | | 90 | | | | | |
| 15 | | | | | | | | 655 | | | |
| | | | | 9 | | 90 | | | | | |
| | **(CL)** SILTY CLAY | | 18.50 | | | | | | | | |
| 20 | End of . | | 20.00 | | | | | 650 | | | |
| 25 | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE

1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS

LOGGED: Stephen Tatum

CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002

CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-34

BORING DATE: April 16, 2015 - April 16, 2015
DRILLING CONTRACTOR: Terra Probe



DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Cobble | | | | | | | | | | |
| | **(SP)** SAND, trace gravel, trace organics (at about 3.5') brown with some orange mottling | | 0.00 | 1 | | 30 | | 670 | | | Flush mount |
| | | | | 2 | | 30 | | | | | |
| 5 | | | | 3 | | 40 | | | | | |
| | | | | 4 | | 40 | | 665 | | | Soil sample |
| | | | | 5 | | 50 | | | | | Water level observed in open hole during drilling |
| | **(SP)** SAND | | 9.00 | 6 | | 50 | | | | | |
| 10 | | | | 7 | | 50 | | 660 | | | |
| | | | | 8 | | 70 | | | | | |
| 15 | | | | | | | | | | | |
| | | | | 9 | | 90 | | 655 | | | |
| 20 | **(SM)** SILTY SAND | | 19.50 | | | | | | | | |
| | **(CL)** SILTY CLAY | | 21.00 | 10 | | 90 | | 650 | | | |
| | End of . | | 24.00 | | | | | | | | |
| 25 | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE

1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS

LOGGED: Stephen Tatum

CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002
CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-35

BORING DATE: April 16, 2015 - April 16, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1
DATUM: Local

| DEPTH SCALE FEET | DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES NUMBER | SAMPLES TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Cobble | | | | | | | | | | |
| | **(SP)** SAND | | 0.00 | 1 | | 25 | | 670 | ND | | Flush mount |
| | | | | 2 | | 25 | | | ND | | |
| 5 | | | | 3 | | 60 | | 665 | | | |
| | **(SP)** SAND | | 6.00 | 4 | | 60 | | | | | Soil sample |
| | **(SP)** SAND, trace to some gravel | | 8.00 | 5 | | 100 | | 660 | | | *Water level observed in open hole during drilling* |
| | **(GP)** GRAVEL | | 12.00 | 6 | | 100 | | | | | |
| 15 | **(SM)** SILTY SAND | | 13.50 | | | | | 655 | | | |
| | | | | 7 | | | | | | | |
| 20 | | | | | | | | 650 | | | |
| | **(SM)** SILTY SAND, some CLAY | | 22.00 | 8 | | | | | | | |
| | **(CL)** SILTY CLAY | | 24.00 | 9 | | | | 645 | | | |
| 25 | End of . | | 28.00 | | | | | | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE
1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS
LOGGED: Stephen Tatum
CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002
CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-38

BORING DATE: June 1, 2015 - June 1, 2015
DRILLING CONTRACTOR: Terra Probe


DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Grass | | | | | | | | | | Flush mount |
| | **(SP)** SAND, trace gravel | | 0.00 | 1 | | 60 | | | 55.4 | | Soil sample |
| | as above | | | 2 | | 60 | | 670 | | | |
| 5 | | | | 3 | | 80 | | | | | |
| | | | | 4 | | 80 | | 665 | | | Water level observed in open hole during drilling |
| | as above | | 8.00 | | | | | | | | |
| 10 | | | | 5 | | 90 | | | | | |
| | | | | | | | | 660 | | | |
| | | | | 6 | | 90 | | | | | |
| 15 | | | | | | | | | | | |
| | **(SM)** SILTY SAND<br>as above trace organics | | 15.50 | | | | | | | | |
| | as above trace gravel | | | 7 | | 100 | | 655 | | | |
| | **(CL)** SILTY CLAY | | | | | | | | | | |
| 20 | End of . | | 20.00 | | | | | | | | |
| | | | | | | | | 650 | | | |
| 25 | | | | | | | | | | | |
| | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE
1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS
LOGGED: Stephen Tatum
CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002
CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-39

BORING DATE: June 1, 2015 - June 1, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1
DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Grass | | | | | | | | | | Flush mount |
| | **(SP)** SAND | | 0.00 | 1 | | 60 | | | ND | | |
| | **(CL)** SILTY CLAY, trace gravel | | | | | | | | | | |
| | **(SP)** SAND | | 2.75 | 2 | | 60 | | 670 | | | |
| 5 | | | | 3 | | 70 | | | ND | | |
| | | | | 4 | | 70 | | | | | |
| | | | | 5 | | 60 | | 665 | | | |
| 10 | | | | 6 | | 60 | | | | | Water level observed in open hole during drilling |
| | as above trace to some gravel | | | | | | | | | | |
| | | | | 7 | | 90 | | 660 | | | |
| 15 | | | | | | | | | | | |
| | | | | 8 | | | | 655 | | | |
| 20 | | | | | | | | | | | |
| | **(SM)** SILTY SAND, trace clay | | 21.00 | 9 | | 40 | | | | | |
| | | | | | | | | 650 | | | |
| 25 | **(CL)** SILTY CLAY | | 24.50 | 10 | | 100 | | | | | |
| | End of . | | 27.00 | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

PID ppm: 2 4 6 8

DOWN HOLE DEPTH SCALE
1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS
LOGGED: Stephen Tatum
CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002
CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-40

BORING DATE: May 27, 2015 - May 27, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1
DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Cobble Stones | | | | | | | | | | Flush mount |
| | **(SP)** SAND | | 0.00 | 1 | | 40 | | 670 | | | |
| | | | | 2 | | 40 | | | | | |
| 5 | | | | 3 | | 60 | | | | | |
| | | | | 4 | | 60 | | 665 | | | Water level observed in open hole during drilling |
| | as above | | | 5 | | 60 | | | | | |
| | trace to some gravel seam from 7.5 to 8 ft | | | | | | | | | | |
| 10 | | | | 6 | | 70 | | | | | |
| | trace to some gravel seam from 11 to 13 ft | | | | | | | 660 | | | |
| | | | | 7 | | 80 | | | | | |
| 15 | trace to some gravel 3 inch seam at 14 ft | | | | | | | | | | |
| | trace to some gravel 1 inch seam at 15.5 ft | | | | | | | | | | |
| | | | | | | | | 655 | | | |
| | **(SM)** SILTY SAND | | 17.00 | 8 | | 80 | | | | | |
| 20 | **(CL)** SILTY CLAY | | | | | | | | | | |
| | End of . | | 20.00 | | | | | | | | |
| | | | | | | | | 650 | | | |
| 25 | | | | | | | | | | | |
| | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE
1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS
LOGGED: Stephen Tatum
CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002
CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-41

BORING DATE: May 27, 2015 - May 27, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1
DATUM: Local

| DEPTH SCALE FEET | DESCRIPTION | STRATA PLOT | ELEV. DEPTH (ft) | NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Cobble Stones | | | | | | | | | | Flush mount |
| | **(SP)** SAND | | 0.00 | 1 | | 50 | | 670 | | | |
| | | | | 2 | | 50 | | | | | |
| 5 | | | | 3 | | 70 | | | | | |
| | | | | 4 | | 70 | | 665 | | | |
| | | | | 5 | | 80 | | | | | Water level observed in open hole during drilling |
| | as above | | | 6 | | 80 | | | | | |
| 10 | | | | 7 | | 80 | | | | | |
| | as above trace to some gravel seam from 11 to 13 ft | | | | | | | 660 | | | |
| | | | | 8 | | 100 | | | | | |
| | **(SM)** SILTY SAND, trace clay | | 14.50 | | | | | | | | |
| 15 | | | | | | | | 655 | | | |
| | | | | 9 | | 100 | | | | | |
| 20 | | | | | | | | | | | |
| | **(CL)** SILTY CLAY | | 21.00 | 10 | | 100 | | 650 | | | |
| | End of . | | 24.00 | | | | | | | | |
| 25 | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

PID ppm: 2 4 6 8

DOWN HOLE DEPTH SCALE
1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS
LOGGED: Stephen Tatum
CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002
CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-42

BORING DATE: May 26, 2015 - May 26, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1
DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Cobble Stones | | | | | | | | | | Flush mount |
| | **(SP)** SAND, trace gravel | | 0.00 | 1 | | 60 | | 670 | ⊕ | | |
| | | | | 2 | | 60 | | | ⊕ | | |
| 5 | | | | 3 | | 70 | | | ⊕ | | |
| | | | | 4 | | 70 | | 665 | ⊕ | | |
| | as above | | | | | | | | | | Water level observed in open hole during drilling |
| 10 | | | | 5 | | 80 | | | | | |
| | as above | | 11.00 | | | | | 660 | | | |
| | **(GP)** GRAVEL | | 12.00 | 6 | | 90 | | | | | |
| | **(SP)** SAND | | 13.00 | | | | | | | | |
| 15 | **(SM)** SILTY SAND, trace organics | | 14.50 | | | | | 655 | | | |
| | | | | 7 | | | | | | | |
| 20 | **(CL)** CLAY | | 21.00 | | | | | 650 | | | |
| | End of . | | 24.00 | | | | | | | | |
| 25 | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE
1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS
LOGGED: Stephen Tatum
CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002

CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-43

BORING DATE: May 26, 2015 - May 26, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1

DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Cobble Stones | | | | | | | | | | Flush mount |
| | **(SP)** SAND | | 0.00 | 1 | | 50 | | 670 | | | |
| | | | | 2 | | 50 | | | | | |
| 5 | | | | 3 | | 70 | | 665 | | | |
| | | | | 4 | | 70 | | | | | Water level observed in open hole during drilling |
| | as above | | | 5 | | 100 | | | | | |
| 10 | **(GP)** GRAVEL | | 10.00 | | | | | 660 | | | |
| | **(SM)** SILTY SAND | | 11.00 | 6 | | 100 | | | | | |
| 15 | | | | | | | | 655 | | | |
| | | | | 7 | | 100 | | | | | |
| | **(CL)** SILTY CLAY | | | | | | | | | | |
| 20 | **(SM)** SILTY SAND | | 19.50 | | | | | 650 | | | |
| | **(CL)** SILTY CLAY | | 22.00 | 8 | | 100 | | | | | |
| | End of . | | 24.00 | | | | | | | | |
| 25 | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE

1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS

LOGGED: Stephen Tatum

CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WKOM_ENV (WP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002

CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-45

BORING DATE: June 2, 2015 - June 2, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1
DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Gravel/Cobble Stone | | | | | | | | | | Flush mount |
| | **(CL)** SILTY CLAY, trace to some gravel, trace organics | | 0.00 | 1 | | 70 | | | | | |
| | | | | 2 | | 70 | | 670 | | | |
| 5 | | | | 3 | | 100 | | | | | |
| | **(SP)** SAND, trace to some gravel | | 6.00 | 4 | | 100 | | | | | |
| | as above | | | 5 | | 100 | | 665 | | | *Water level observed in open hole during drilling* |
| | **(SM)** SILTY SAND, trace organics | | 9.50 | 6 | | 100 | | | | | |
| 10 | **(SP)** SAND, trace to some gravel | | 10.50 | | | | | | | | |
| | | | | 7 | | 90 | | 660 | | | |
| 15 | as above | | | | | | | | | | |
| | **(SM)** SILTY SAND | | 15.50 | | | | | | | | |
| | | | | 8 | | 100 | | 655 | | | |
| | **(SP)** SAND, trace gravel | | 18.00 | | | | | | | | |
| | **(SM)** SILTY SAND, trace gravel | | 19.00 | | | | | | | | |
| 20 | **(CL)** SILTY CLAY | | 20.00 | 9 | | 100 | | 650 | | | |
| | End of . | | 24.00 | | | | | | | | |
| 25 | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE

1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS

LOGGED: Stephen Tatum

CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002
CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-46

BORING DATE: June 2, 2015 - June 2, 2015
DRILLING CONTRACTOR: Terra Probe


DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Gravel/Cobble | | | | | | | | | |
| | **(CL)** SILTY CLAY, trace gravel, trace organics | | 0.00 | 1 | | 70 | | 670 | | |
| | | | | 2 | | 70 | | | | |
| 5 | **(SP)** SAND | | 4.00 | 3 | | 90 | | 665 | | |
| | as above | | | 4 | | 90 | | | | |
| | as above trace to some gravel | | | 5 | | 90 | | | | |
| 10 | as above | | | 6 | | 90 | | 660 | | |
| | | | | 7 | | 100 | | | | |
| 15 | **(SM)** SILTY SAND, trace organics | | 15.00 | | | | | 655 | | |
| | | | | 8 | | 100 | | | | |
| 20 | **(CL)** SILTY CLAY | | 21.00 | 9 | | 90 | | 650 | | |
| | End of . | | 24.00 | | | | | | | |
| 25 | | | | | | | | 645 | | |
| 30 | | | | | | | | | | |

INSTALLATION AND GROUNDWATER OBSERVATIONS




DOWN HOLE DEPTH SCALE
1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS
LOGGED: Stephen Tatum
CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002
CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-47

BORING DATE: June 3, 2015 - June 3, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1
DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Asphalt | | | | | | | | | | Flush mount |
| | **(CL)** SILTY CLAY, trace to some greavel, trace to some organics | | 0.00 | 1 | | 50 | | | 17.3 | | Soil sample |
| | | | | 2 | | 50 | | 670 | 21.8 | | |
| | **(SP)** SAND | | 4.00 | 3 | | 70 | | | 16.7 | | |
| 5 | | | | 4 | | 70 | | | 18.8 | | |
| | as above | | | | | | | 665 | | | Water level observed in open hole during drilling |
| | | | | 5 | | 80 | | | | | |
| 10 | as above some gravel | | | | | | | | | | |
| | | | | 6 | | 80 | | 660 | | | |
| 15 | **(SM)** SILTY SAND | | 15.00 | | | | | | | | |
| | | | | 7 | | 100 | | 655 | | | |
| 20 | | | | | | | | | | | |
| | **(CL)** SILTY CLAY | | 21.00 | | | | | | | | |
| | **(SM)** SILTY SAND | | 22.00 | 8 | | 100 | | 650 | | | |
| | **(CL)** SILTY CLAY | | 23.00 | | | | | | | | |
| | End of . | | 24.00 | | | | | 645 | | | |
| 25 | | | | | | | | | | | |
| 30 | | | | | | | | | | | |

PID ppm: 2 4 6 8

PID ppm: 2 4 6 8

DOWN HOLE DEPTH SCALE
1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS
LOGGED: Stephen Tatum
CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002

CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-48

BORING DATE: May 29, 2015 - May 29, 2015
DRILLING CONTRACTOR: Terra Probe



DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Asphalt | | | | | | | | | | |
| | **(CL)** SILTY CLAY, trace to some organics, trace gravel | | 0.00 | 1 | | 80 | | 670 | ⊕ | | Flush mount |
| | | | | 2 | | 80 | | | ⊕ | | |
| 5 | **(SP)** SAND | | 3.83 | 3 | | 80 | | | ⊕ | | |
| | | | | 4 | | 80 | | | ⊕ | | |
| | **(SP)** SAND | | | 5 | | 80 | | 665 | | | Water level observed in open hole during drilling |
| 10 | | | | 6 | | 90 | | | | | |
| | **(GP)** GRAVEL | | 11.00 | | | | | 660 | | | |
| | **(SP)** SAND | | 13.50 | 7 | | 100 | | | | | |
| 15 | | | | | | | | | | | |
| | | | | 8 | | 100 | | 655 | | | |
| | **(SM)** SILTY SAND | | 18.00 | | | | | | | | |
| 20 | | | | | | | | | | | |
| | **(CL)** SILTY CLAY, some silty sand | | 22.00 | 9 | | 100 | | 650 | | | |
| | End of . | | 24.00 | | | | | | | | |
| 25 | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE

1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS

LOGGED: Stephen Tatum

CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WKOM_ENV (WIP) SPaulsen 7/14/15

ARCADIS

Boring No.: MW-48R

# Soil Boring Log

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/22/2021
Date Completed: 12/22/2021

Logger: K. Donahue
Editor: K. Donahue
Weather Conditions: 27° F, Partly Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | (0.0-0.4') ASPHALT. | 8" Flush Mount | |
| 1 | | | | NA | | (0.4-3.0') CLAY, medium plasticity, slow dilatancy; some silt; little sand, very fine to coarse, subround to subangular; trace granules to medium pebbles, subround to subangular; dry; medium stiff; dark gray (10YR 4/1). | (0.4-2.0') Filter Pack Sand | |
| 2 | | | | 0.0 | | | | |
| 3 | | 60 | | 0.0 | | | | |
| 4 | | | | 0.0 | | (3.0-7.5') SAND, very fine to medium; trace granules to small pebbles, subround to subangular; well sorted; dry to moist; yellowish brown (10YR 5/6.) | 2.0" dia. PVC Casing | |
| 5 | | | | 0.0 | | | | |
| 6 | | | | 0.0 | | | | |
| 7 | | | | 0.0 | | | | |
| 8 | | 42 | | 0.0 | | (7.5-10.0') SAND, very fine to fine; little silt; well sorted; wet; brown (10YR 5/3). NOTE: Wet at 8.0' bgs. | | |
| 9 | | | | 0.0 | | | (2.0-15.0') Bentonite Pellets | |
| 10 | | | | 0.0 | | | | |
| 11 | | | | 0.0 | | (10.0-11.0') SAND, very fine to coarse, subround to subangular; little very coarse sand to granules, subangular to subround; trace silt; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 12 | | | | 0.0 | | (11.0-12.0') SAND, very fine to very coarse, subangular to subround; little granules to small pebbles, subangular to subround; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 13 | | 41 | | 0.0 | | (12.0-14.0') SAND, very fine to fine; some silt; trace clay; well sorted; wet; grayish brown (10YR 5/2). | | |
| 14 | | | | 0.0 | | | | |
| 15 | | | | 0.0 | | (14.0-16.5') SAND, very fine to fine; little silt; well sorted; wet; grayish brown (10YR 5/2). | | |
| 16 | | | | 0.0 | | | (15.0-25.0') Filter Pack Sand | |
| 17 | | | | 0.0 | | (16.5-20.5') SAND, very fine to fine; some silt; well sorted; wet; gray (10YR 5/1). | | |
| 18 | | 42 | | 0.0 | | | (17.0-22.0') 2" dia. Stainless Steel 10-Slot Well Screen | |
| 19 | | | | 0.0 | | | | |
| 20 | | | | 0.0 | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: Hand Auger 0.0-5.0' bgs. HSA to bottom.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.:
North Coor:
East Coor:

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/3/24

ARCADIS

Boring No.: MW-48R

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/22/2021
Date Completed: 12/22/2021

Logger: K. Donahue
Editor: K. Donahue
Weather Conditions: 27° F, Partly Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | 53 | | 0.0 | | (20.5-21.5') SILT, nonplastic, rapid dilatancy; little sand, very fine to fine; well sorted; wet; gray (10YR 6/1). | | |
| 22 | | | | 0.0 | | (21.5-22.0') CLAY, medium plasticity, slow dilatancy; little silt; moist; medium stiff; gray (10YR 5/1). | | |
| 23 | | | | 0.0 | | (22.0-22.8') SILT, nonplastic, rapid dilatancy; little sand, very fine to fine; well sorted; wet; gray (10YR 6/1). | | |
| 24 | | | | 0.0 | | (22.8-25.0') CLAY, medium to high plasticity, no dilatancy; trace silt; moist; stiff; gray (10YR 5/1). | | |
| 25 | | | | 0.0 | | | | |
| | | | | | | End of boring at 25.0' bgs. | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/3/24

PROJECT No.: 1412419 / 0002

CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI
N: ~7324.471 E: ~11953.0791
*Note: Coordinates and Elevation have not been surveyed and are considered to be approximate only.*

# RECORD OF BOREHOLE MW-50

BORING DATE: May 29, 2015 - May 29, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1
DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Concrete | | 670.50 | | | | | 670 | | | Flush mount |
| | **(SP)** SAND | | 0.00 | 1 | | 50 | | | | | |
| | | | | 2 | | 50 | | | | | |
| 5 | | | | 3 | | 80 | | 665 | | | |
| | | | | 4 | | 80 | | | | | Water level observed in open hole during drilling |
| | as above | | | 5 | | 80 | | | | | |
| | | | 660.50 | | | | | | | | |
| 10 | **(GP)** GRAVEL | | 10.00 | 6 | | 100 | | 660 | | | |
| | | | 659.50 | | | | | | | | |
| | **(SP)** SAND | | 11.00 | | | | | | | | |
| | | | | 7 | | 100 | | | | | |
| 15 | | | | | | | | 655 | | | |
| | | | 653.50 | | | | | | | | |
| | **(SM)** SILTY SAND | | 17.00 | 8 | | 100 | | | | | |
| 20 | | | 649.50 | | | | | 650 | | | |
| | **(CL)** SILTY CLAY | | 21.00 | 9 | | 100 | | | | | |
| | | | 646.50 | | | | | | | | |
| | End of . | | 24.00 | | | | | | | | |
| 25 | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE

1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS

LOGGED: Stephen Tatum

CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002

CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-52

BORING DATE: June 22, 2015 - June 22, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1

DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. / DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Coble Stone | | | | | | | | | | |
| | **(SP)** SAND, some gravel | | 0.00 | 1 | | 60 | | 670 | | | Flush mount |
| | | | | 2 | | 60 | | | | | |
| | as above | | | 3 | | 80 | | 665 | | | |
| 5 | | | | 4 | | 80 | | | | | Water level observed in open hole during drilling |
| | as above | | | 5 | | 80 | | | | | |
| | | | | 6 | | 100 | | 660 | | | |
| 10 | **(GP)** GRAVEL | | | | | | | | | | |
| | **(SP)** SAND | | | | | | | | | | |
| | **(GP)** GRAVEL | | | | | | | | | | |
| | **(SP)** SAND | | 11.50 | 7 | | 100 | | | | | |
| | **(SM)** SILTY SAND | | 14.50 | | | | | 655 | | | |
| 15 | | | | | | | | | | | |
| | **(SP)** SAND | | 16.00 | 8 | | 100 | | | | | |
| | **(SM)** SILTY SAND | | 18.50 | | | | | 650 | | | |
| 20 | **(CL)** SILTY CLAY | | 20.00 | | | | | | | | |
| | End of . | | | | | | | | | | |
| | | | | | | | | 645 | | | |
| 25 | | | | | | | | | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE

1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS

LOGGED: Stephen Tatum

CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002
CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-53

BORING DATE: June 22, 2015 - June 22, 2015
DRILLING CONTRACTOR: Terra Probe


DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Gravel/Coble | | | | | | | | | | |
| | **(CL)** SILTY CLAY, some gravel | | 0.00 | 1 | | 60 | | 670 | | | Flush mount |
| | **(GP)** GRAVEL | | 3.00 | 2 | | 60 | | | | | |
| 5 | **(SP)** SAND, trace organics at 5.5' to 6' | | 4.00 | 3 | | 80 | | 665 | | | |
| | | | | 4 | | 80 | | | | | Water level observed in open hole during drilling |
| | as above | | | 5 | | 100 | | | | | |
| 10 | as above some gravel | | | | | | | 660 | | | |
| | **(GP)** GRAVEL | | 12.00 | 6 | | 100 | | | | | |
| | **(SP)** SAND | | 13.50 | | | | | | | | |
| 15 | **(SM)** SILTY SAND, trace organics, compact with depth | | 14.50 | 7 | | 100 | | 655 | | | |
| 20 | | | | | | | | 650 | | | |
| | **(CL)** SILTY CLAY | | 21.00 | 8 | | 100 | | | | | |
| | End of . | | 24.00 | | | | | | | | |
| 25 | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE
1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS
LOGGED: Stephen Tatum
CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WKOM_ENV (WIP) SPaulsen 7/14/15

PROJECT No.: 1412419 / 0002

CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-54

BORING DATE: June 23, 2015 - June 23, 2015
DRILLING CONTRACTOR: Terra Probe

SHEET 1 OF 1

DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | HYDRAULIC CONDUCTIVITY, k, cm/s ($10^{-6}$ $10^{-5}$ $10^{-4}$ $10^{-3}$) / WATER CONTENT PERCENT (Wp W Wl; 10 20 30 40) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Gravel/Coble | | | | | | | | | | Flush mount |
| | **(CL)** SANDY CLAY, some gravel | | | | | | | | | | |
| | **(SP)** SAND, some gravel | | 0.50 | | | | | | | | |
| | **(SP)** SAND | | | 1 | | 20 | | | | | |
| 5 | | | | | | | | 665 | | | |
| | **(CL)** SANDY CLAY, trace gravel | | 5.50 | 2 | | 70 | | | | | |
| | **(SP)** SAND | | 6.50 | | | | | | | | |
| 10 | | | | 3 | | 100 | | 660 | | | |
| | **(CL)** SILTY CLAY | | 10.00 | | | | | | | | |
| | **(SP)** SAND, trace gravel | | 11.00 | | | | | | | | |
| | | | | 4 | | 100 | | | | | |
| 15 | **(SM)** SILTY SAND | | 14.50 | | | | | 655 | | | |
| | | | | 5 | | 100 | | | | | |
| 20 | | | | | | | | 650 | | | |
| | **(CL)** SILTY CLAY | | 21.00 | 6 | | 100 | | | | | |
| | End of . | | 24.00 | | | | | | | | |
| 25 | | | | | | | | 645 | | | |
| 30 | | | | | | | | 640 | | | |

DOWN HOLE DEPTH SCALE

1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS

LOGGED: Stephen Tatum

CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WKOM_ENV (WP) SPaulsen 7/14/15

ARCADIS

Boring No.: MW-54S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 04/10/2019
Date Completed: 04/10/2019

Logger: S. Johnson
Editor: C. Cisco
Weather Conditions: 38° F, Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | 0.0 | | (0.0-0.3') TOPSOIL. | 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-3.5') Bentonite Pellets | |
| 2 | | | | 0.0 | | (0.3-1.0') SAND, very fine to fine, subrounded to subangular; and GRANULES, subrounded to subangular; little small pebbles, subrounded to subangular; well sorted; dry; loose; very dark grayish brown (10YR 3/2). | | |
| 3 | | 60 | | 0.0 | | (1.0-4.0') SAND, fine to medium, subrounded to subangular; well sorted; moist; loose; yellowish brown (10YR 5/6). | | |
| 4 | | | | 0.0 | | | (3.5-10.0') Filter Pack Sand | |
| 5 | | | | 0.0 | | (4.0-5.0') SAND, very fine, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; moist; soft; very dark grayish brown (10YR 3/2). | | |
| 6 | | | | NR | | (5.0-7.5') NO RECOVERY. Note: Boring appeared wet at 5.0' bgs. | (4.5-9.5') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 7 | | | | NR | | | | |
| 8 | | 60 | | 0.0 | | (7.5-9.6') SILT, nonplastic, rapid dilatancy, soft; moist to wet; black (10YR 2/1). | | |
| 9 | | | | 0.0 | | Note: Color change to gray (10YR 5/1) at 8.3' bgs. | | |
| 10 | | | | 0.0 | | (9.6-10.0') SAND, fine to coarse, subrounded to subangular; little granules, subrounded to subangular; poorly sorted; moist; very dark gray (10YR 3/1). End of boring at 10.0' bgs. | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 668.2390000
North Coor: 320345.800000000
East Coor: 13387195.9800

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/3/24

PROJECT No.: 1412419 / 0002

CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-55

BORING DATE: June 23, 2015 - June 23, 2015
DRILLING CONTRACTOR: Terra Probe



DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | HYDRAULIC CONDUCTIVITY, k, cm/s ($10^{-6}$ $10^{-5}$ $10^{-4}$ $10^{-3}$) / WATER CONTENT PERCENT (Wp W Wl; 10 20 30 40) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Gravel/Coble | | | | | | | | | | |
| | **(SP)** SAND, trace gravel | | 0.00 | | | | | | | | Flush mount |
| | **(GP)** GRAVEL | | | 1 | | 60 | | 670 | | | |
| | **(SP)** SAND, trace gravel | | 2.50 | | | | | | | | |
| 5 | | | | 2 | | 70 | | 665 | | | |
| | as above | | | | | | | | | | |
| 10 | | | | 3 | | 90 | | 660 | | | |
| | **(GP)** GRAVEL, poorly sorted | | 12.00 | | | | | | | | |
| | | | | 4 | | 100 | | | | | |
| 15 | **(SP)** SAND, trace gravel | | 15.00 | | | | | 655 | | | |
| | **(SM)** SILTY SAND | | 17.00 | 5 | | 100 | | | | | |
| | **(CL)** SILTY CLAY | | 19.50 | | | | | | | | |
| 20 | | | | 6 | | 100 | | 650 | | | |
| | End of . | | 24.00 | | | | | | | | |
| 25 | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE

1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS

LOGGED: Stephen Tatum

CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

ARCADIS

Boring No.: MW-55D

# Soil Boring Log

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 01/24/2018
Date Completed: 01/24/2018

Logger: C. Weaver
Editor: C. Cisco
Weather Conditions: 25° F, Mostly Cloudy/Light Snow

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | 12 | | 0.0 | | (0.0-0.3') GRAVEL. | 2.0" dia. SCH-40 PVC Casing (0.0-1.0') Cement (1.0-3.5') Bentonite Pellets | |
| | | | | | | (0.3-3.3') ASPHALT; black (10YR 2/1). Note: Brick fragments, slag. Note: Hit refusal at 1.0' bgs. | | |
| 2 | | | | 0.0 | | | | |
| 3 | | 28 | | 0.0 | | | | |
| 4 | | | | 0.0 | | (3.3-6.8') SAND, very fine to medium, subrounded to angular; trace silt; well sorted; dry; brownish yellow (10YR 6/6). Note: Black banding, mm-thick. | | |
| 5 | | | | 0.0 | | | | |
| 6 | | | | 0.0 | | | | |
| 7 | | | | 0.0 | | (6.8-7.2') ASPHALT; dry; black (10YR 2/1). Note: slag material. | | |
| 8 | | 44 | | 0.0 | | (7.2-8.7') SAND, very fine to medium, subrounded to angular; trace silt; well sorted; dry; brownish yellow (10YR 6/6). Note: Red banding, mm-thick. | | |
| 9 | | | | 0.0 | | (8.7-9.3') SILT, nonplastic, rapid dilatancy; and CLAY; well sorted; wet; gray (10YR 5/1). Note: Greenish tint. | | |
| 10 | | | | 0.0 | | (9.3-9.8') SILT, nonplsatic, rapid dilatancy; some sand, very fine; well sorted; wet; gray (10YR 5/1). | | |
| 11 | | | | 0.0 | | (9.8-11.8') SILT, nonplastic, slow dilatancy; and SAND, medium to coarse, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). | (3.5-25.0') Filter Pack Sand | |
| 12 | | | | 0.0 | | (11.8-13.0') SAND, medium to coarse, subrounded to subangular; and SILT, nonplastic, no dilatancy; trace small pebbles, subrounded to angular; poorly sorted; wet; gray (10YR 5/1). | | |
| 13 | | 31 | | 0.0 | | (13.0-14.0') SAND, medium to coarse, subrounded to subangular; some small pebbles and granules, subrounded to angular; little silt; poorly sorted; wet; gray (10YR 5/1). | | |
| 14 | | | | 0.0 | | (14.0-14.2') SILT, nonplastic, slow dilatancy; little sand, very fine to fine, subrounded to subangular; well sorted; wet; gray (10YR 5/1). | | |
| 15 | | | | 0.0 | | (14.2-14.7') SAND, medium to coarse, subrounded to subangular; some small pebbles and granules, subrounded to subangular; little silt; poorly sorted; wet; gray (10YR 5/1). | | |
| 16 | | | | 0.0 | | (14.7-19.6') SILT, nonplastic, rapid dilatancy; little sand, very fine; well sorted; wet; gray (10YR 5/1). | | |
| 17 | | | | 0.0 | | | | |
| 18 | | 39 | | 0.0 | | | | |
| 19 | | | | 0.0 | | | | |
| 20 | | | | 0.0 | | (19.6-20.0') SILT, nonplsatic, rapid dilatancy; some sand, | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.3
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 670.6100000
North Coor: 320350.206000000
East Coor: 13386796.9400

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/3/24

ARCADIS

Boring No.: MW-55D

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 01/24/2018
Date Completed: 01/24/2018

Logger: C. Weaver
Editor: C. Cisco
Weather Conditions: 25° F, Mostly Cloudy/Light Snow

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | | | 0.0 | | very fine to medium, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). | | |
| 22 | | | | 0.0 | | (20.0-20.2') CLAY, medium plasticity, slow dilatancy; little silt; well sorted; wet; gray (10YR 5/1). | | |
| 23 | | 42 | GP | 0.0 | | (20.2-21.0') SILT, nonplastic, rapid dilatancy; little clay; well sorted; wet; gray (10YR 5/1). | (19.0-24.0') 2.0" dia. Stainless Steel 0.010 slot Well Screen | |
| 24 | | | | 0.0 | | (21.0-25.0') CLAY, high plsaticity, slow dilatancy; trace silt; well sorted; wet; soft; gray (10YR 5/1). | | |
| 25 | | | | 0.0 | | | | |
| | | | | | | End of boring at 25.0' bgs. | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/3/24

PROJECT No.: 1412419 / 0002

CLIENT: Ford - Livonia
PROJECT: Ford
LOCATION: Livonia, MI

# RECORD OF BOREHOLE MW-57

BORING DATE: June 24, 2015 - June 24, 2015
DRILLING CONTRACTOR: Terra Probe



DATUM: Local

| DEPTH SCALE FEET | SOIL PROFILE: DESCRIPTION | STRATA PLOT | ELEV. DEPTH (ft) | SAMPLES: NUMBER | TYPE | RECOVERY % | BLOWS/ft | ELEVATION FEET | PID ppm (2 4 6 8) | ADDITIONAL LAB. TESTING | INSTALLATION AND GROUNDWATER OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | Asphalt | | | | | | | | | | |
| | **(SP)** SAND, trace gravel | | 0.00 | 1 | | 70 | | 670 | ⊕ | | Flush mount |
| | | | | 2 | | 70 | | | ⊕ | | |
| | **(GP)** GRAVEL, some sand | | 3.50 | 3 | | 60 | | | ⊕ | | |
| 5 | **(SM)** SILTY SAND, trace organics | | 5.50 | 4 | | 60 | | 665 | ⊕ | | Water level observed in open hole during drilling |
| | **(SP)** SAND | | 8.00 | 5 | | 80 | | | | | |
| 10 | **(GP)** GRAVEL | | 10.50 | | | | | 660 | | | |
| | **(SP)** SAND | | 11.50 | 6 | | 100 | | | | | |
| 15 | | | | | | | | 655 | | | |
| | **(SM)** SILTY SAND, trace clay (3 inches at 20.5') | | 18.00 | 7 | | 100 | | | | | |
| 20 | | | | | | | | 650 | | | |
| | **(CL)** SILTY CLAY | | 22.00 | 8 | | 100 | | | | | |
| | End of . | | 24.00 | | | | | | | | |
| 25 | | | | | | | | 645 | | | |
| 30 | | | | | | | | | | | |

DOWN HOLE DEPTH SCALE

1 inch to 3.8 feet

Golder Associates

SOIL CLASSIFICATION SYSTEM: USCS

LOGGED: Stephen Tatum

CHECKED: DRAFT

REV:

National IM Server:GINT_GAL_NATIONALIM Unique Project ID: Output Form:WIKOM_ENV (WIP) SPaulsen 7/14/15

ARCADIS Design & Consultancy for natural and built assets

Boring No.: MW-62

# Soil Boring Log

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 04/12/2017
Date Completed: 04/12/2017

Logger: A. DeGrandis
Editor: A. Reibel
Weather Conditions: Sunny, 50s F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | (0.0-0.8') CONCRETE. | (0.0-16.3') 2" PVC riser | |
| 2 | | | | | 0.0 | | (0.8-5.5') SAND; fine to medium, subangular to subrounded; little granules, some pebbles, trace large pebbles, subangular to subrounded; poorly sorted; moist; yellowish brown (10YR 5/4). | | |
| 3 | | | 72 | | 0.1 | | | | |
| 4 | | | | | 1.7 | | Note: Fill. Asphalt layer at 3.0' bgs. | | |
| 5 | | | | | 0.1 | | | | |
| 6 | | | | | 0.3 | | Note: Transition to dark gray (10YR 4/1) at 5.0' bgs. | | |
| 7 | | | | | 0.1 | | (5.5-9.5') SAND, fine; trace silt; well sorted; moist ot wet; pale brown (10YR 6/3). | (1.5-13.0' bgs) Bentonite Slurry | |
| 8 | | | 48 | | 0.0 | | Note: Wet at 7.5' bgs. | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.5-10.5') SAND, medium to coarse, subangular to subrounded; little granules to small pebbles, subrounded; trace silt; poorly sorted; wet; dark gray (10YR 4/1). | | |
| 11 | | | | | 0.2 | | (10.5-18.0') SAND, fine to medium, subangular to subrounded; well sorted; wet; gray (10YR 5/1). | | |
| 12 | | | | | 0.1 | | | | |
| 13 | | | 60 | | 0.2 | | | (13.0-14.0' bgs) Bentonite pellets | |
| 14 | | | | | 0.1 | | | | |
| 15 | | | | | 0.1 | | | (14.0-23.0') Filter Pack | |
| 16 | | | | | 0.0 | | | | |
| 17 | | | | | 0.0 | | | | |
| 18 | | | 60 | | 0.0 | | | | |
| 19 | | | | | 0.0 | | (18.0-20.5') SAND, fine; little silt; well sorted; wet; gray (10YR 5/1). | (16.3-21.3') 2" S.S. 10-slot screen | |
| 20 | | | | | 0.0 | | | | |
| 21 | | | | | 0.0 | | (20.5-22.0') SILT, some fine sand, little to trace clay; wet; dark gray (10YR 4/1). | | |
| 22 | | | 36 | | 0.0 | | | | |
| 23 | | | | | 0.0 | | (22.0-23.0') CLAY; medium to high plasticity, no to slow dilatancy; little tos ome silt; stiff; moist; dark gray (10YR 4/1). End of boring at 23.0' bgs. | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Tom Ulrich
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: Hand Auger to 6.0' bgs.

Sampling Method: 5' MacroCore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.5
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.5
North Coor: 319830.2
East Coor: 13386755.7

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ARCADIS Design & Consultancy for natural and built assets

Boring No.: MW-63

# Soil Boring Log

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 04/12/2017
Date Completed: 04/12/2017

Logger: A. DeGrandis
Editor: A. Reibel
Weather Conditions: Sunny, 50s F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.5') ASPHALT. | (0.0-7.0') 2" PVC riser | |
| | | | | | | | (0.5-1.3') Cement, crushed. | | |
| 2 | | | | | 0.0 | | (1.3-2.5') SAND; very fine to medium, subangular to subrounded; little pebbles, small, subrounded; trace clay; poorly sorted; moist; yellow brown (10YR 5/4). | | |
| 3 | | | 72 | | 0.0 | | (2.5-7.0') SAND; fine to medium, subangular to subrounded; well sorted; moist; yellowish brown (10YR 5/4). | (1.5-5.0' bgs) Bentonite slurry | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 10.1 | | | (5.0-12.0' bgs) Sand Filter Pack | |
| 8 | | | 48 | | 0.1 | | (7.0-9.0') SAND; fine; some silt; well sorted; wet; pale brown (10YR 6/3). Note: Wet at 7.5' bgs. | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.0.12.0') SAND; medium to coarse, subangular to subrounded; little granules; subrounded; poorly sorted; wet; gray (10YR 5/1). | (7.0-12.0') 2" S.S. 10-slot sceen | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 56 | | 0.0 | | (12.0-15.0') SAND; fine to medium, subangular to subrounded; well sorted; moist to wet; gray (10YR 5/1). | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Tom Ulrich
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: Hand Auger to 6.0' bgs.

Sampling Method: 5' MacroCore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.5
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 670.3
North Coor: 319592.2
East Coor: 13386727.2

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ARCADIS

# Soil Boring Log

Boring No.: MW-64

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 04/18/2017
Date Completed: 04/19/2017

Logger: A. DeGrandis
Editor: A. Reibel
Weather Conditions: Sunny, 60s F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 1.7 | | (0.0-0.2') TOPSOIL and grass. | (0.0-15.0') 2" PVC riser | |
| 2 | | | | | 2.8 | | (0.2-8.5') SAND, fine to medium, subangular to subrounded; little granules to small pebbles, subangular to subrounded; trace silt; poorly sorted; moist; very dark gray brown (10YR 3/2). | | |
| 3 | | | 72 | | 2.1 | | | | |
| 4 | | | | | 0.3 | | | | |
| 5 | | | | | 0.3 | | | | |
| 6 | | | | | 0.2 | | | | |
| 7 | | | | | 0.2 | | | (2.0-11.1' bgs) Bentonite slurry | |
| 8 | | | 48 | | 0.1 | | | | |
| 9 | | | | | 0.2 | | | | |
| 10 | | | | | 0.2 | | (8.5-12.0') SAND, fine to medium, subangular to subrounded; trace granules, subrounded; well sorted; moist; dark gray brown (10YR 4/2). NOTE: Wet at 10' bgs | | |
| 11 | | | | | 0.3 | | | | |
| 12 | | | | | 0.3 | | | (11.1-13.0') Bentonite pellets | |
| 13 | | | 60 | | 0.2 | | (12.0-13.5') SAND, medium to coarse, little fine, subangular to subrounded; little granules to small pebbles, subrounded; poorly sorted; wet; dark gray brown (10YR 4/2). | | |
| 14 | | | | | 0.1 | | | | |
| 15 | | | | | 0.0 | | (13.5-15.0') SAND; fine; some silt; wel sorted; wet;dark gray (10YR 4/1). | (13.0-20.0' bgs) Sand Filter Pack | |
| 16 | | | | | NA | | Note: Unable to observe sample from 15-20' due to macroCore stuck inside rod. Inferred from top and bottom samples. | | |
| 17 | | | | | NA | | | | |
| 18 | | | 0 | | NA | | | (15.0-20.0' bgs) 2" S.S. 10-slot screen | |
| 19 | | | | | NA | | | | |
| 20 | | | | | NA | | | | |
| 21 | | | | | 0.1 | | (20.0-22.0') SAND, fine; some silt; well sorted; wet; dark gray (10YR 4/1). | | |
| 22 | | | 22 | | 0.0 | | | (20.0-23.0' bgs) Natural collapse backfill. | |
| 23 | | | | | 0.0 | | (22.0-23.0') CLAY, some silt, high plasticity, slow dilatancy; medium stiff; most; dark gray (10YR 4/1). End of boring at 23.0' bgs. | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Tom Ulrich
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: Hand Auger to 6.0' bgs.

Sampling Method: 5' MacroCore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 10.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.4
North Coor: 319445.6
East Coor: 13387036.0

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# Soil Boring Log

Boring No.: MW-67

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 04/13/2017
Date Completed: 04/13/2017

Logger: A. DeGrandis
Editor: A. Reibel
Weather Conditions: Overcast, 50F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | (0.0-0.5') ASPHALT. | (0.0-15.0') 2" PVC riser | |
| | | | | | | | (0.5-1.0') Crushed cement.<br>Note: Woven membrane under cement. | | |
| 2 | | | | | 0.5 | | (1.0-5.0') SAND, fine to medium, subangular to subrounded; little silt; trace granules to medium pebbles, subrounded; poorly sorted; moist; dark gray brown (10YR 4/2). | | |
| 3 | | | 72 | | 0.4 | | | | |
| 4 | | | | | 0.1 | | | (2.0-6.5' bgs) Bentonite | |
| 5 | | | | | 0.1 | | | | |
| 6 | | | | | 0.1 | | (5.0-8.5') SAND, fine to medium, subangular to subrounded; well sorted; moist; gray brown (10YR 5/2). | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 48 | | 0.1 | | | (6.5-14.0' bgs) Sand Filter Pack | |
| 9 | | | | | 0.0 | | (8.5-11.0') SAND, fine; trace silt; well sorted; moist to wet; gray brown (10YR 5/2). | | |
| 10 | | | | | 0.1 | | Note: Wet at 9.5' bgs. | | |
| 11 | | | | | 0.1 | | | (9.0-14.0' bgs) 2" S.S. 10-slot screen | |
| 12 | | | | | 0.0 | | (11.0-15.0') SAND, medium to coarse, subangular to subrounded; little granules to small pebbles, subrounded; little sand; poorly sorted; wet; dark gray (10YR 4/1). | | |
| 13 | | | 50 | | 0.0 | | | | |
| 14 | | | | | 0.2 | | | | |
| 15 | | | | | 0.0 | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Tom Ulrich
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: Hand Auger to 6.0'

Sampling Method: 5' MacroCore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.5
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.7
North Coor: 319039.8
East Coor: 13386756.0

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ARCADIS

# Soil Boring Log

Boring No.: MW-68

Sheet: 1 of 2

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 04/17/2017
Date Completed: 04/17/2017

Logger: A. DeGrandis
Editor: A. Reibel
Weather Conditions: Sunny, 50F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.6 | | (0.0-0.8') CONCRETE. | (0.0-15.0') 2" PVC riser |
| 2 | | | | | 0.7 | | (0.8-3.0') SAND, fine to medium, subrounded to subangular; little granules to small pebbles, subangular to subrounded; trace silt; poorly sorted; moist; very dark gray brown (10YR 3/2). Note: ~3" concrete at 1.5' bgs. | (1.0-4.0') Sand backfill |
| 3 | | | 72 | | 0.0 | | | |
| 4 | | | | | 0.0 | | (3.0-8.5') SAND, fine to medium, subangular to subrounded; trace granules, subrounded; well sorted; moist; pale brown (10YR 6/3). | |
| 5 | | | | | 0.0 | | | |
| 6 | | | | | 0.0 | | | |
| 7 | | | | | 0.0 | | | (4.0-11.0' bgs) Bentonite Slurry |
| 8 | | | 40 | | 0.0 | | | |
| 9 | | | | | 0.0 | | (8.5-11.0) SAND, fine to medium, subangular to subrounded; little coarse sand to granules; subangular to subrounded; trace silt; poorly sorted; moist; pale brown (10YR 6/3). Note: Wet at 10.0' bgs. | |
| 10 | | | | | 0.0 | | | |
| 11 | | | | | 0.0 | | (11.0-14.0') SAND, medium to coarse; subangular to subrounded; little sand, fine; trace granules; subrounded; poorly sorted; wet; grayish brown (10YR 5/2). | (11.0-13.0') Bentonite pellets |
| 12 | | | | | 0.0 | | | |
| 13 | | | 60 | | 0.0 | | | |
| 14 | | | | | 0.0 | | (14.0-19.5') SAND, fine; well sorted; wet; dark gray (10YR 4/1). Note: Clay seam at 14.8' bgs | (13.0-23.0' bgs) Sand Filter Pack |
| 15 | | | | | 0.0 | | | |
| 16 | | | | | 0.0 | | | |
| 17 | | | | | 0.0 | | | (15.0-20.0' bgs) Stainless Steel Well Screen |
| 18 | | | 55 | | 0.0 | | | |
| 19 | | | | | 0.0 | | | |
| 20 | | | | | 0.0 | | (19.5-20.0') SAND, fine; some silt; well sorted; wet; dark | |

Drilling Co.: Stearns Drilling Company
Driller: Tom Ulrich
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: Hand Auger to 6.0'

Sampling Method: 5' MacroCore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 10.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.1
North Coor: 318853.4
East Coor: 13386798.1

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ARCADIS Design & Consultancy for natural and built assets

Boring No.: MW-68

# Soil Boring Log

Sheet: 2 of 2

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 04/17/2017
Date Completed: 04/17/2017

Logger: A. DeGrandis
Editor: A. Reibel
Weather Conditions: Sunny, 50F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 21 | | | 36 | | 0.0 | | gray (10YR 4/1).<br>(20.0-20.5') CLAY, little silt, high plasticity, slow dilatancy; medium stiff; moist; dark gray (10YR 4/1).<br>(20.5-21.0') SILT, little fine sand; wet; dark gray (10YR 4/1). | | |
| 22 | | | | | 0.0 | | (21.0-23.0') CLAY, some silt; high plasticity; no to slow dilatancy; medium stiff; moist; dark gray (10YR 4/1). | | |
| 23 | | | | | 0.0 | | End of boring at 23.0' bgs. | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| 32 | | | | | | | | | |
| 33 | | | | | | | | | |
| 34 | | | | | | | | | |
| 35 | | | | | | | | | |
| 36 | | | | | | | | | |
| 37 | | | | | | | | | |
| 38 | | | | | | | | | |
| 39 | | | | | | | | | |
| 40 | | | | | | | | | |
| 41 | | | | | | | | | |

Remarks:

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Boring No.: MW-69

# Soil Boring Log

Sheet: 1 of 2

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 04/18/2017
Date Completed: 04/18/2017

Logger: A. DeGrandis
Editor: A. Reibel
Weather Conditions: Sunny, 50F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 5.4 | | (0.0-0.4') ASPHALT.<br>(0.4-0.8') PEBBLES, small to large; subrounded to subangular; poorly sorted; dry to moist. | (0.0-23.0') 2" PVC riser | |
| 2 | | | | | 5.3 | | (0.8-2.2') SAND, fine to medium, subrounded to subangular; little clay; trace pebbles; poorly sorted; moist; very dark gray brown (10YR 3/2).<br>Note: Fill consisting of wood, slag and concrete from 0.8-6.0' bgs. | | |
| 3 | | | 72 | | 3.2 | | Note: Concrete from 2-2.2' bgs | (1.0-4.0') Sand backfill | |
| 4 | | | | | 0.5 | | (2.2-3.0') SAND, fine to medium, subrounded to subangular; some clay; little pebbles to small pebbles, subangular; poorly sorted; moist; very dark gray brown (10YR 3/2). | | |
| 5 | | | | | 0.5 | | (3.0-6.0') SAND, fine to medium, subrounded to subangular; some granules, trace small to medium; subrounded to subangular; poorly sorted; moist; very dark gray brown (10YR 3/2).<br>Note: Slight odor from 3.0-5.5' bgs. | | |
| 6 | | | | | 0.0 | | Note: Wood debris 5.8-6' bgs. | | |
| 7 | | | | | 0.0 | | (6.0-11.5') SAND, fine to medium, subanuglar to subrounded; trace small pebbles, subrounded; well sorted; moist; dark gray brown (10YR 4/2). | | |
| 8 | | | 48 | | 0.0 | | | (4.0-11.0' bgs) Bentonite Slurry | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | Note: Wet at 10.5' bgs. | | |
| 12 | | | | | 0.0 | | (11.5-13.0') SAND, fine to medium, subangular to subrounded; little coarse sand to granules, subrounded; poorly sorted; wet ; gray (10YR 5/1). | (11.0-13.0') Bentonite pellets | |
| 13 | | | 60 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | (13.0-20.5') SAND, fine; some silt; well sorted; wet; dark gray (10YR 4/1). | (13.0-23.0' bgs) Sand Filter Pack | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | 0.0 | | | | |
| 17 | | | | | 0.0 | | | (15.0-20.0' bgs) Stainless Steel Well Screen | |
| 18 | | | 60 | | 0.0 | | | | |
| 19 | | | | | 0.0 | | | | |
| 20 | | | | | 0.0 | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Tom Ulrich
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: Hand Auger to 6.0'

Sampling Method: 5' MacroCore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 10.5
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 670.7
North Coor: 318557.7
East Coor: 13387134.3

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ARCADIS Design & Consultancy for natural and built assets

Boring No.: MW-69

# Soil Boring Log

Sheet: 2 of 2

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 04/18/2017
Date Completed: 04/18/2017

Logger: A. DeGrandis
Editor: A. Reibel
Weather Conditions: Sunny, 50F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 21 | | | 30 | | 0.0 | | (20.5-21.5') SILT, some fine sand, non-plastic, rapid dilatancy; soft; wet; dark gray (10YR 4/1). | | |
| 22 | | | | | 0.0 | | (21.5-23.0') CLAY, little silt, high plasticity, no to slow dilatancy; medium stiff; moist; dark gray (10YR 4/1). | | |
| 23 | | | | | 0.0 | | End of boring at 23.0' bgs. | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| 32 | | | | | | | | | |
| 33 | | | | | | | | | |
| 34 | | | | | | | | | |
| 35 | | | | | | | | | |
| 36 | | | | | | | | | |
| 37 | | | | | | | | | |
| 38 | | | | | | | | | |
| 39 | | | | | | | | | |
| 40 | | | | | | | | | |
| 41 | | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 N:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\FORD LTP BORING LOGS.GPJ ARCADIS.GDT 8/17/17

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# Soil Boring Log

Boring No.: MW-70

Sheet: 1 of 2

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 04/17/2017
Date Completed: 04/17/2017

Logger: A. DeGrandis
Editor: A. Reibel
Weather Conditions: Overcast, 70F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.7') CONCRETE. | (0.0-15.0') 2" PVC riser | |
| 2 | | | | | 0.0 | | (0.7-14.0') SAND, fine to medium, subangular to subrounded; little silt; trace clay; trace granules, subrounded; poorly sorted; moist; very dark gray borwn (10YR 3/2). | (.5.0-4.0') Sand backfill | |
| 3 | | | 72 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 40 | | 0.0 | | Note: (7-11') color change to pale brown (10YR 6/3) | (4.0-11.0' bgs) Bentonite slurry | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | Note: Wet at 11.0' bgs; color change to dark grayish brown (10YR 4/2) | (11.0-13.0') Bentonite pellets | |
| 13 | | | 58 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | (14.0-16.5') SAND, fine to medium, subangular to subrounded; well sorted; wet; dark gray brown (10YR 4/2). | (13.0-23.0' bgs) Sand Filter Pack | |
| 16 | | | | | 0.0 | | | | |
| 17 | | | | | 0.0 | | (16.5-20.0') SAND, fine; some silt; well sorted; wet; dark gray (10YR 4/1). | (15.0-20.0' bgs) 2" S.S. 10-slot screen | |
| 18 | | | 60 | | 0.0 | | | | |
| 19 | | | | | 0.0 | | | | |
| 20 | | | | | 0.0 | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Tom Ulrich
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: Hand Auger to 6.0'

Sampling Method: 5' MacroCore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 11.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.7
North Coor: 318419.2
East Coor: 13386749.2

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# Soil Boring Log

Boring No.: MW-70

Sheet: 2 of 2

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 04/17/2017
Date Completed: 04/17/2017

Logger: A. DeGrandis
Editor: A. Reibel
Weather Conditions: Overcast, 70F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 21 | | | 20 | | 0.0 | | (20.0-20.3') SILT, little to some clay; trace fine sand; non plastic; rapid dilatancy; wet; dark gray (10YR 4/1). | | |
| 22 | | | | | 0.0 | | | | |
| 23 | | | | | 0.0 | | End of boring at 23.0' bgs. | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| 32 | | | | | | | | | |
| 33 | | | | | | | | | |
| 34 | | | | | | | | | |
| 35 | | | | | | | | | |
| 36 | | | | | | | | | |
| 37 | | | | | | | | | |
| 38 | | | | | | | | | |
| 39 | | | | | | | | | |
| 40 | | | | | | | | | |
| 41 | | | | | | | | | |

Remarks:

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# Soil Boring Log

Boring No.: MW-71

Sheet: 1 of 2

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 04/17/2017
Date Completed: 04/17/2017

Logger: A. DeGrandis
Editor: A. Reibel
Weather Conditions: Sunny, 50F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 72 | | 0.0 | | (0.0-0.5') ASPHALT. | (0.0-15.0') 2" PVC riser | |
| 2 | | | | | 0.0 | | (0.5-4.0') SAND, fine to medium; subangular to subrounded; little granules to small pebbles; subrounded; little silt; trace clay; poorly sorted; moist; very dark gray brown (10YR 3/2). | | |
| 3 | | | | | 0.0 | | Note: Fill, brick. | (1.0-4.0') Sand backfill | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | (4.0-7.0') SAND, fine to medium; subangular to subrounded; trace granules; subrounded; well sorted; moist; yellowish brown (10YR 5/8). | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | 48 | | 0.0 | | (7.0-15.5') SAND, medium, little fine, trace coarse, subangular to subrounded; trace granules, subrounded; well sorted; moist to wet; gray (10YR 6/1). | (4.0-11.0' bgs) Bentonite slurry | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | 60 | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | (11.0-13.0') Bentonite pellets | |
| 13 | | | | | 0.0 | | Note: Wet at 13.0' bgs. | | |
| 14 | | | | | 0.0 | | Note: Trasition to dark gray at 14.0' bgs. | (13.0-23.0' bgs) Sand Filter Pack | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | 54 | | 0.0 | | (15.5-20.0') SAND, fine and SILT; well sorted; wet; dark gray (10YR 4/1). | | |
| 17 | | | | | 0.0 | | | (15.0-20.0' bgs) 2" S.S. 10-slot screen | |
| 18 | | | | | 0.0 | | | | |
| 19 | | | | | 0.0 | | | | |
| 20 | | | | | 0.0 | | | | |

Drilling Co.: Stearns Drilling Company
Driller: Tom Ulrich
Drilling Method: Direct Push (Hollow Stem Augers for Well Installation)
Drilling Fluid: None
Remarks: Hand Auger to 6.0'

Sampling Method: 5' MacroCore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 13.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.5
North Coor: 318234.5
East Coor: 13386890.1

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Boring No.: MW-71

# Soil Boring Log

Sheet: 2 of 2

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 04/17/2017
Date Completed: 04/17/2017

Logger: A. DeGrandis
Editor: A. Reibel
Weather Conditions: Sunny, 50F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 21 | | | 30 | | 0.0 | | (20.0-23.0') CLAY, little silt, high plasticity, slow to no dilatancy; medium stiff; moist; dark gray (10YR 4/1). | | |
| 22 | | | | | 0.0 | | | | |
| 23 | | | | | 0.0 | | End of boring at 23.0' bgs. | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| 32 | | | | | | | | | |
| 33 | | | | | | | | | |
| 34 | | | | | | | | | |
| 35 | | | | | | | | | |
| 36 | | | | | | | | | |
| 37 | | | | | | | | | |
| 38 | | | | | | | | | |
| 39 | | | | | | | | | |
| 40 | | | | | | | | | |
| 41 | | | | | | | | | |

Remarks:

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# Soil Boring Log

Boring No.: MW-122

Sheet: 1 of 2

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 01/23/2019
Date Completed: 01/23/2019

Logger: C. Weaver
Editor: C. O'Neill
Weather Conditions: 41° F, Cloudy/Rainy/Icy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 24 | | 0.0 | | (0.0-0.5') GRAVEL; and TOPSOIL; trace pebbles, subrounded. | 8.0" Flush Mount Cement (0.5-1.0') Bentonite Pellets (1.0-1.5') | |
| 2 | | | | | 0.0 | | (0.5-3.0') ASPHALT, broken; poorly sorted; dry; black (10YR 2/1). Note: Slag material. | | |
| 3 | | | 36 | | 0.0 | | (3.0-3.9') SAND, very fine to medium, subrounded to subangular; trace small pebbles to granules, subrounded; well sorted; dry; yellow (10YR 7/6). | | |
| 4 | | | | | 0.0 | | (3.9-8.5') SAND, fine to coarse, subrounded to subangular; little silt, nonplastic, no dilatancy; poorly sorted; dry; dark yellowish brown (10YR 4/4). | | |
| 5 | | | | | | | | | |
| 6 | | | 32 | | 0.0 | | | 2.0" diameter PVC Casing | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.5-9.0') FILL; large pebbles, subrounded to angular; poorly sorted; dry; white (10YR 8/1). Note: Slag material. Metal nails found here. | | |
| 10 | | | | | 0.0 | | (9.0-12.4') SAND, fine to medium, subrounded to subangular; little silt, nonplastic, no dilatancy; well sorted; moist; dark grayish brown (10YR 4/2). | | |
| 11 | | | | | 0.0 | | | Sand Pack (1.5-25.0') | |
| 12 | | | | | 0.0 | | Note: Brick fragments at 12.0' bgs. | | |
| 13 | | | 30 | | 0.0 | | (12.4-13.9') SAND, very fine to very coarse, subrounded to subangular; trace small pebbles to granules, subrounded; trace silt; poorly sorted; wet; dark gray (10YR 4/1). | | |
| 14 | | | | | 0.0 | | (13.9-14.5') SILT, nonplastic, no dilatancy; and SAND, medium to coarse, subrounded to subangular; trace small pebbles, subrounded; poorly sorted; wet; gray (10YR 4/1). | | |
| 15 | | | | | | | (14.5-18.0') SAND, very fine to fine, subrounded to subangular; and SILT, nonplastic, no dilatancy; well sorted; wet; gray (10YR 4/1). | | |
| 16 | | | | | 0.0 | | | | |
| 17 | | | | | 0.0 | | | | |
| 18 | | | 40 | | 0.0 | | | | |
| 19 | | | | | 0.0 | | (18.0-21.0') SILT, nonplastic, rapid dilatancy; trace sand, very fine, subrounded; well sorted; wet; gray (10YR 4/1). | | |
| 20 | | | | | 0.0 | | | | |

Drilling Co.: Fibertec
Driller: N. Wiseman
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 12.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 670.9
North Coor: 320336.9
East Coor: 13387020.9

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# Soil Boring Log

Boring No.: MW-122

Sheet: 2 of 2

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 01/23/2019
Logger: C. Weaver

Project Number: MI001454
Date Completed: 01/23/2019
Editor: C. O'Neill

Project Location: Livonia, MI
Weather Conditions: 41° F, Cloudy/Rainy/Icy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 21 | | | | | 0.0 | | (18.0-21.0') SILT, nonplastic, rapid dilatancy; trace sand, very fine, subrounded; well sorted; wet; gray (10YR 4/1). | | |
| 22 | | | | | 0.0 | | (21.0-21.5') CLAY, medium plasticity, slow dilatancy; some silt; well sorted; wet; gray (10YR 4/1). | | |
| 23 | | | 42 | GP | 0.0 | | (21.5-25.0') CLAY, high plasticity, slow dilatancy; well sorted; wet; soft; gray (10YR 4/1). | Sand Pack (1.5-25.0') 2.0" diameter Stainless Steel 0.010 slot Well Screen (16.0-21.0') | |
| 24 | | | | | 0.0 | | | | |
| 25 | | | | | 0.0 | | | | |
| 26 | | | | | | | End of boring at 25.0' bgs. | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| 32 | | | | | | | | | |
| 33 | | | | | | | | | |
| 34 | | | | | | | | | |
| 35 | | | | | | | | | |
| 36 | | | | | | | | | |
| 37 | | | | | | | | | |
| 38 | | | | | | | | | |
| 39 | | | | | | | | | |
| 40 | | | | | | | | | |
| 41 | | | | | | | | | |

Remarks: Hand Auger to 2.0' bgs. Hit refusual (slag, asphalt) at 2.0' bgs and cannot HA further.

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ARCADIS

# Soil Boring Log

Boring No.: MW-208S

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 01/17/2020
Date Completed: 01/17/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 25° F, Partly Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | 60 | | 0.0 | | (0.0-0.3') GRAVEL; and small to large PEBBLES. | 8.0" Flush Mount (0.0-1.0') Cement | |
| | | | | 0.0 | | (0.3-1.0') SAND, fine to medim, subrounded to subanglar; trace small pebbles, subrounded; well sorted; dry; yellowish brown (10YR 5/4). | | |
| 2 | | | | 0.0 | | (1.0-2.0') SAND, medium to coarse, subrounded to subangular; some granules, subrounded to subangular; trace medium pebbles, subrounded; well sorted; dry; black (10YR 2/1). | 2.0" dia. SCH-40 PVC Casing | |
| 3 | | | | 0.0 | | (2.0-8.2') SAND, fine to medium, subrounded to subangular; little silt; trace small pebbles, subangular; well sorted; dry to wet; yellowish brown (10YR 5/4) to brownish yellow (10YR 6/6). | | |
| 4 | | | | 0.0 | | | | |
| 5 | | | | 0.0 | | | (1.0-8.0') Bentonite Pellets | |
| 6 | | 47 | | 0.0 | | | | |
| 7 | | | | 0.0 | | | | |
| 8 | | | | 0.0 | | Note: Color change to strong brown (10YR 5/6) from 7.0-7.2' bgs. | | |
| 9 | | | | 0.0 | | (8.2-9.0') SILT, nonplastic, rapid dilatancy; little sand, fine; moist; soft; brownish yellow (10YR 6/6). | (8.0-15.0') Filter Pack Sand | |
| 10 | | | | 0.0 | | (9.0-12.5') SAND, fine to medium, subrounded to subangular; some silt; well sorted; moist to wet; gray (10YR 6/1). | | |
| 11 | | 40 | | 0.0 | | | (9.0-14.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 12 | | | | 0.0 | | Note: Boring appears wet at 11.0' bgs. Depth to water is 10.85' bgs. | | |
| 13 | | | | 0.0 | | (12.5-13.5') SILT, nonplastic, rapid dilatancy; wet; gray (10YR 6/1). | | |
| 14 | | | | 0.0 | | (13.5-15.0') SAND, fine to very coarse, subrounded to subangular; little granules to small pebbles; poorly sorted; wet; gray (10YR 6/1). | | |
| 15 | | | | 0.0 | | | | |
| 16 | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 10.85
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.8220000
North Coor: 318371.063000000
East Coor: 13387279.6500

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Boring No.: MW-209S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 01/17/2020
Date Completed: 01/17/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 25° F, Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | 60 | | 0.0 | | (0.0-0.3') GRAVEL; and small to large PEBBLES. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing | |
| | | | | 0.0 | | (0.3-1.0') SAND, fine to medium, subrounded to subangular; trace small pebbles, subrounded; well sorted; dry; yellowish brown (10YR 5/4). | | |
| 2 | | | | 0.0 | | (1.0-2.0') SAND, medium to coarse, subrounded to subangular; some granules, subrounded to subangular; trace medium pebbles, subrounded; well sorted; dry; black (10YR 2/1). | | |
| 3 | | | | 0.0 | | (2.0-8.1') SAND, fine to medium, subrounded to subangular; little silt; trace small pebbles, subangular; well sorted; dry to wet; yellowish brown (10YR 5/4) to brownish yellow (10YR 6/6). | | |
| 4 | | | | 0.0 | | | (1.0-7.0') Bentonite Pellets | |
| 5 | | | | 0.0 | | | | |
| 6 | | 47 | | 0.0 | | | | |
| 7 | | | | 0.0 | | Note: Color change to very dark gray (7.5YR 3/1) from 6.4-6.6' bgs. | | |
| 8 | | | | 0.0 | | | (7.0-15.0') Filter Pack Sand | |
| 9 | | | | 0.0 | | (8.1-8.3') SILT, nonplastic, rapid dilatancy; some sand, fine; moist; soft; yellowish brown (10YR 5/4). | | |
| 10 | | | | 0.0 | | (8.3-9.8') SAND, fine to medium, subrounded to subangular; well sorted; moist; light gray (10YR 7/1). | (8.0-13.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 11 | | 42 | | 0.0 | | (9.8-12.5') SILT, nonplastic, rapid dilatancy; some sand, fine; moist to wet; gray (10YR 6/1). | | |
| | | | | 0.0 | | Note: Boring appears wet at 11.0' bgs. Depth to water is 9.95' bgs. | | |
| 12 | | | | 0.0 | | | | |
| 13 | | | | 0.0 | | (12.5-13.9') SAND, fine to very coarse, subrounded to subangular; little small pebbles to granules, subrounded to subangular; poorly sorted; wet; gray (10YR 6/1). | | |
| 14 | | | | 0.0 | | (13.9-15.0') SAND, fine to medium, subrounded to subangular; little silt; well sorted; wet; gray (10YR 6/1). | | |
| 15 | | | | | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.95
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.2560000
North Coor: 318626.650000000
East Coor: 13387268.9000

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ARCADIS

Boring No.: MW-210S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 01/17/2020
Date Completed: 01/17/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 25° F, Partly Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | 10.8 | | (0.0-0.3') GRAVEL; and small to large PEBBLES. | 8.0" Flush Mount (0.0-1.0') Cement | |
| | | | | 14.9 | | (0.3-2.0') SAND, fine to medium, subrounded to subanglar; little small pebbles, subrounded to angular; well sorted; dry; dark yellowish brown (10YR 4/6) to black (10YR 2/1). | | |
| 2 | | | | | | | 2.0" dia. SCH-40 PVC Casing | |
| 3 | | 60 | | 4.0 | | (2.0-8.2') SAND, fine to medium, subrounded to subangular; little silt; trace small pebbles, subrounded to subangular; well sorted; dry; yellowish brown (10YR 5/4) to brownish yellow (10YR 6/8). | | |
| | | | | 0.0 | | | | |
| 4 | | | | | | | (1.0-7.0') Bentonite Pellets | |
| 5 | | | | 0.0 | | | | |
| 6 | | | | 0.0 | | | | |
| | | | | 0.0 | | | | |
| 7 | | | | | | | | |
| 8 | | 43 | | 0.0 | | | (7.0-15.0') Filter Pack Sand | |
| | | | | 0.0 | | (8.2-10.0') SILT, nonplastic, rapid dilatancy; some sand, fine; dry; soft; brown (10YR 5/3). | | |
| 9 | | | | | | | | |
| 10 | | | | 0.0 | | | | |
| | | | | 0.0 | | (10.0-12.0') SILT, nonplastic, rapid dilatancy; little sand, fine; wet; soft; gray (10YR 6/1). | | |
| 11 | | | | | | Note: Boring appears wet at 11.0' bgs. Depth to water is 10.20' bgs. | (8.0-13.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| | | | | 0.0 | | | | |
| 12 | | | | | | | | |
| | | 44 | | 0.0 | | (12.0-12.9') SAND, fine to medium, subrounded to subangular; trace silt; well sorted; wet; gray (10YR 6/1). | | |
| 13 | | | | | | | | |
| | | | | 0.0 | | (12.9-13.1') SAND, fine to very coarse, subrounded to subangular; some granules to medium pebbles, subrounded to subangular; poorly sorted; wet; gray (10YR 6/1). | | |
| 14 | | | | | | | | |
| | | | | 0.0 | | (13.1-15.0') SILT, nonplastic, rapid dilatancy; trace fine sand; wet; soft; gray (10YR 5/1). | | |
| 15 | | | | | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 10.2
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.3740000
North Coor: 318877.136000000
East Coor: 13387258.7000

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ARCADIS

Boring No.: MW-211S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 01/20/2020
Date Completed: 01/20/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 11° F, Partly Cloudy, Slight Wind

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | 60 | | 0.0 | | (0.0-0.3') GRAVEL; and small to large PEBBLES. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing | |
| | | | | 0.0 | | (0.3-1.0') SAND, fine to medium, subrounded to subangular; trace small pebbles, subrouded; well sorted; dry; yellowish brown (10YR 5/4). | | |
| 2 | | | | 0.0 | | (1.0-2.0') SAND, medium to coarse, subrounded to subangular; some to little granules, subrounded to subangular; trace medium pebbles, subrounded; well sorted; dry; black (10YR 2/1). | | |
| 3 | | | | 0.0 | | (2.0-8.0') SAND, fine to medium, subrounded to subangular; little silt; trace small pebbles, subrounded to subangular; well sorted; dry; yellowish brown (10YR 5/4) to brownish yellow (10YR 6/8). | (1.0-6.0') Bentonite Pellets | |
| 4 | | | | 0.0 | | | | |
| 5 | | | | 0.0 | | | | |
| 6 | | 46 | | 0.0 | | | (6.0-14.0') Filter Pack Sand | |
| 7 | | | | 0.0 | | | | |
| 8 | | | | 0.0 | | | | |
| 9 | | | | 0.0 | | (8.0-9.5') SILT, nonplastic, rapid dilatancy; some sand, fine; dry; soft; brown (10YR 5/3). | (7.0-12.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 10 | | | | 0.0 | | (9.5-12.0') SAND, fine to very coarse; subrounded to subangular; some granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; moist to wet; gray (10YR 6/1). Note: Boring appears wet at 11.0' bgs. Depth to water is 8.92' bgs. | | |
| 11 | | 40 | | 0.0 | | | | |
| 12 | | | | 0.0 | | (12.0-12.1') CLAY, high plasticity, slow dilatancy; trace silt; wet; soft; gray (10YR 5/1). | | |
| 13 | | | | 0.0 | | (12.1-12.2') GRANULES, subrounded to subangular; some sand, fine to very coarse, subrounded to subanglar; little small pebbles, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). | | |
| 14 | | | | 0.0 | | (12.2-14.3') SAND, fine to medium, subrounded to subanglar; trace coarse sand; trace silt; well sorted; wet; gray (10YR 5/1). | | |
| 15 | | | | | | (14.3-15.0') SILT, nonplastic, rapid dilatancy; wet; soft; gray (10YR 5/1). End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.92
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 670.3710000
North Coor: 319328.850000000
East Coor: 13387240.6500

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ARCADIS

Boring No.: MW-212S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 01/20/2020
Date Completed: 01/20/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 13° F, Partly Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | 60 | | 0.0 | | (0.0-0.3') GRAVEL; and small to large PEBBLES. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | 0.0 | | (0.3-3.0') SAND, fine to medium, subrounded to subanglar; trace small pebbles, subrounded; well sorted; dry; yellowish brown (10YR 5/4). | 2.0" dia. SCH-40 PVC Casing (1.0-5.5') Bentonite Pellets | |
| 3 | | | | 0.0 | | | | |
| 4 | | | | 0.0 | | (3.0-8.8') SAND, fine to medium, subrounded to subangular; some to little silt; trace small pebbles, subrounded; well sorted; dry; yellowish brown (10YR 5/6) to light gray (10YR 7/1). | | |
| 5 | | | | 0.0 | | | | |
| 6 | | 46 | | 0.0 | | | (5.5-13.0') Filter Pack Sand | |
| 7 | | | | 0.0 | | | | |
| 8 | | | | 0.0 | | | (6.5-11.5') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 9 | | | | 0.0 | | Note: Boring appears wet at 9.0' bgs. Depth to water is 8.65' bgs. | | |
| 10 | | | | 0.0 | | (8.8-11.6') SILT, nonplastic, rapid dilatancy; some to little sand, fine to medium, subrounded to subanglar; moist to wet; soft; grayish brown (10YR 5/2). | | |
| 11 | | | | 0.3 | | | | |
| 12 | | 39 | | 0.4 | | (11.6-15.0') SAND, medium to coarse, subrounded to subangular; little granules, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; wet; light brownish gray (10YR 6/2). | | |
| 13 | | | | 0.1 | | | | |
| 14 | | | | 0.0 | | | | |
| 15 | | | | 0.0 | | | | |
| 16 | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.65
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 670.1240000
North Coor: 319527.724000000
East Coor: 13387231.7600

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ARCADIS

# Soil Boring Log

Boring No.: MW-213S

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 01/20/2020
Date Completed: 01/20/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 15° F, Sunny, Slight Wind

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | 60 | | 0.0 | | (0.0-0.3') GRAVEL; and small to large PEBBLES. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | 0.0 | | (0.3-3.0') SAND, fine to medium, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; dry; yellowish brown (10YR 5/4). | 2.0" dia. SCH-40 PVC Casing (1.0-5.0') Bentonite Pellets | |
| 3 | | | | 0.0 | | | | |
| 4 | | | | 0.0 | | (3.0-7.9') SAND, fine to medium, subrounded to subangular; little silt; trace small pebbles, subrounded to subangular; well sorted; dry; brown (10YR 4/3) to pale brown (10YR 6/3). | | |
| 5 | | | | 0.0 | | | | |
| 6 | | 48 | | 0.0 | | | (5.0-12.0') Filter Pack Sand | |
| 7 | | | | 0.0 | | | | |
| 8 | | | | 0.0 | | Note: Boring appears wet at 8.0' bgs. Depth to water is 8.02' bgs. | (6.0-11.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 9 | | | | 0.0 | | (7.9-8.8') SILT, nonplastic, rapid dilatancy; some sand, fine; moist to wet; pale brown (10YR 6/3). | | |
| 10 | | | | 0.0 | | (8.8-11.1') SAND, fine to medium, subrounded to subangular; some silt; well sorted; wet; gray (10YR 6/1). | | |
| 11 | | 41 | | 0.0 | | | | |
| 12 | | | | 0.0 | | (11.1-13.0') SAND, fine to very coarse, subrounded to subangular; and GRANULES, subrounded to subangular; little to trace small pebbles, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). | | |
| 13 | | | | 0.0 | | | | |
| 14 | | | | 0.0 | | (13.0-15.0') SILT, nonplastic, rapid dilatancy; wet; soft; gray (10YR 5/1). | | |
| 15 | | | | 0.0 | | | | |
| 16 | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.02
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 669.7570000
North Coor: 319683.016000000
East Coor: 13387225.1300

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ARCADIS

Boring No.: MW-218S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 01/22/2020
Date Completed: 01/22/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 20° F, Partly Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL, grass. | 8.0" Flush Mount (0.0-1.0') Cement 2.0" dia. SCH-40 PVC Casing | |
| 2 | | | | 0.0 | | (0.5-8.2') SAND, fine to medium, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; dry; brownish yellow (10YR 6/6). | | |
| 3 | | | | 0.0 | | | | |
| 4 | | | | 0.0 | | | | |
| 5 | | | | 0.0 | | | (1.0-8.0') Bentonite Pellets | |
| 6 | | 40 | | 0.0 | | | | |
| 7 | | | | 0.0 | | | | |
| 8 | | | | 0.0 | | | | |
| 9 | | | | 0.0 | | (8.2-8.9') SAND, medium, subrounded to subangular; some silt; well sorted; dry; yellowish brown (10YR 5/6). | (8.0-14.0') Filter Pack Sand | |
| 10 | | | | 0.0 | | (8.9-10.0') SAND, fine to medium, subrounded to subangular; trace small pebbles, subrounded to subangular; dry; well sorted; light yellowish brown (10YR 6/4). | | |
| 11 | | 38 | | 0.0 | | (10.0-13.2') SILT, nonplastic, rapid dilatancy; some sand, fine; moist to wet; light brownish gray (10YR 6/2).<br>Note: Boring appears wet at 11.0' bgs. Depth to water is 11.15' bgs. | (9.0-14.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 12 | | | | 0.0 | | | | |
| 13 | | | | 0.0 | | | | |
| 14 | | | | 0.0 | | (13.2-14.3') SAND, fine to medium, subrounded to subangular; some silt; well sorted; wet; light brownish gray (10YR 6/2). | | |
| 15 | | | | 0.0 | | (14.3-15.0') SILT, nonplastic, rapid dilatancy; little sand, fine; wet; soft; gray (10YR 6/1). | | |
| | | | | | | End of boring at 15.0' bgs. | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 11.15
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 672.2320000
North Coor: 317918.470000000
East Coor: 13387133.7100

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ARCADIS

Boring No.: MW-219S

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 01/22/2020
Date Completed: 01/22/2020

Logger: C. Weaver
Editor: C. Weaver
Weather Conditions: 21° F, Mostly Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | 60 | | 0.0 | | (0.0-0.3') TOPSOIL, grass. | 8.0" Flush Mount (0.0-1.0') Cement | |
| 2 | | | | 0.0 | | (0.3-6.6') SAND, fine to medium, subrounded to subangular; trace small pebbles, subrounded to subangular; well sorted; dry; yellowish brown (10YR 5/4). | 2.0" dia. SCH-40 PVC Casing | |
| 3 | | | | 0.0 | | | (1.0-6.0') Bentonite Pellets | |
| 4 | | | | 0.0 | | | | |
| 5 | | | | 0.0 | | | | |
| 6 | | 40 | | 0.0 | | | (6.0-12.0') Filter Pack Sand | |
| 7 | | | | 0.0 | | (6.6-8.0') SILT, nonplastic, rapid dilatancy; some sand, fine; dry; light brownish gray (10YR 6/2). | | |
| 8 | | | | 0.0 | | | | |
| 9 | | | | 0.0 | | (8.0-9.3') SAND, fine to medium, subrounded to subangular; some silt; well sorted; moist to wet; light brownish gray (10YR 6/2). Note: Boring appears wet at 9.0' bgs. Depth to water is 9.13' bgs. | (7.0-12.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 10 | | | | 0.0 | | (9.3-11.5') SILT, medium plasticity, slow dilatancy; and CLAY; wet; soft; gray (10YR 6/1). | | |
| 11 | | 48 | | 0.0 | | | | |
| 12 | | | | 0.0 | | (11.5-12.8') SAND, fine to coarse, subrounded to subangular; some granules, subrounded to subangular; trace small pebbles, subrounded to subangular; poorly sorted; wet; gray (10YR 5/1). | | |
| 13 | | | | 0.0 | | (12.8-15.0') SILT, nonplastic, rapid dilatancy; trace clay; wet; gray (10YR 6/1). Note: Small clay lesne, high plasticity, slow dilatancy <0.5" thick at 13.0, 13.3, 13.5' bgs. | | |
| 14 | | | | 0.0 | | | | |
| 15 | | | | 0.0 | | | | |
| 16 | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Drilling Co.: Fibertec
Driller: Mark Ryerson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.13
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 670.1690000
North Coor: 317925.118000000
East Coor: 13386683.9200

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ARCADIS

Boring No.: MW-234

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 09/13/2023
Date Completed: 09/13/2023

Logger: S.Turner
Editor: S.Turner
Weather Conditions: 58° F, Sunny

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | 0.0 | | (0.0-0.5') SAND, fine to medium; and CLAY, no plasticity, no dilatancy; well sorted; moist; dark yellowish brown (10YR 4/6). | 8.0" Flush Mount (0.0-2.0') Filter Pack Sand | |
| 2 | | | | 0.0 | | (0.5-0.8') ASPHALT. | | |
| 3 | | 60 | | 0.0 | | (0.8-7.0') SAND, medium, subrounded to subangular; little clay, no plasticity; little silt, rapid dilatancy; well sorted; moist to wet; dark yellowish brown (10YR 4/6). | | |
| 4 | | | | 0.0 | | | | |
| 5 | | | | 0.0 | | | | |
| 6 | | | | 0.0 | | | | |
| 7 | | | | 0.0 | | Note: Boring appears wet at 7.0' bgs. | (2.0-11.0') Bentonite Pellets | |
| 8 | | 42 | | 0.0 | | (7.0-7.3') FILL. | | |
| 9 | | | | 0.0 | | (7.3-10.0') SAND, very fine to medium, subrounded to subangular; little silt, no plasticity, rapid dilatancy; well sorted; moist to wet; grayish brown (10YR 5/2). | | |
| 10 | | | | 0.0 | | | | |
| 11 | | | | 0.0 | | (10.0-14.5') GRANULES, subrounded to subangular; and SAND, medium to very coarse, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | (11.0-20.0') Filter Pack Sand | |
| 12 | | | | 0.0 | | | | |
| 13 | | 52 | | 0.0 | | | | |
| 14 | | | | 0.0 | | | (12.0-17.0') 2.0" diameter Stainless Steel 0.010 Slot Well Screen | |
| 15 | | | | 0.0 | | (14.5-19.0') SAND, very fine to medium, subrounded to subangular; little silt, rapid dilatancy; little clay, no plasticity; well sorted; wet; grayish brown (10YR 5/2). | | |
| 16 | | | | 0.0 | | | | |
| 17 | | | | 0.0 | | | | |
| 18 | | 56 | | 0.0 | | | | |
| 19 | | | | 0.0 | | | | |
| 20 | | | | 0.0 | | (19.0-20.0') SILT and CLAY, low to medium plasticity, slow dilatancy; stiff; wet; grayish brown (10YR 5/2). End of boring at 20.0' bgs. | | |

Drilling Co.: Fibertec
Driller: B. Wilson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface. Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NA
North Coor: NA
East Coor: NA

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 11/29/23

ARCADIS

Boring No.: MW-235

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 09/13/2023
Date Completed: 09/13/2023

Logger: S.Turner
Editor: S.Turner
Weather Conditions: 58° F, Sunny

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | 0.0 | | (0.0-0.8') SAND, fine to medium; and CLAY, no plasticity, no dilatancy; well sorted; moist; dark yellowish brown (10YR 4/6). | 8.0" Flush Mount (0.0-2.0') Filter Pack Sand | |
| | | | | 0.0 | | (0.8-1.2') ASPHALT. | | |
| 2 | | | | | | (1.2-10.0') SAND, medium, subrounded to subangular; little silt, no plasticity, rapid dilatancy; well sorted; moist to wet; dark yellowish brown (10YR 4/6). | | |
| 3 | | 60 | | 0.0 | | | | |
| 4 | | | | 0.0 | | | | |
| 5 | | | | 0.0 | | | | |
| 6 | | | | 0.0 | | | | |
| 7 | | | | 0.0 | | | | |
| 8 | | 57 | | 0.0 | | Note: Boring appears wet at 8.0' bgs. | (2.0-13.0') Bentonite Pellets | |
| 9 | | | | 0.0 | | | | |
| 10 | | | | 0.0 | | | | |
| 11 | | | | 0.0 | | (10.0-16.0') GRANULES, subrounded to subangular; and SAND, medium to very coarse, subrounded to subangular; poorly sorted; wet; grayish brown (10YR 5/2). | | |
| 12 | | | | 0.0 | | | | |
| 13 | | 55 | | 0.0 | | | (13.0-20.0') Filter Pack Sand | |
| 14 | | | | 0.0 | | | | |
| 15 | | | | 0.0 | | | | |
| 16 | | | | 0.0 | | | (14.0-19.0') 2.0" diameter Stainless Steel 0.010 Slot Well Screen | |
| 17 | | | | 0.0 | | (16.0-20.0') SILT, no plasticity, rapid dilatancy; some very fine to medium sand, subrounded to subangular; well sorted; medium stiff; wet; grayish brown (10YR 5/2). | | |
| 18 | | 52 | | 0.0 | | | | |
| 19 | | | | 0.0 | | | | |
| 20 | | | | 0.0 | | End of boring at 20.0' bgs. | | |

Drilling Co.: Fibertec
Driller: B. Wilson
Drilling Method: Hand Auger / Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface.
Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: NA
North Coor: NA
East Coor: NA

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ARCADIS Design & Consultancy for natural and built assets

# Soil Boring Log

Boring No.: PW-16-01

Sheet: 1 of 2

Project Name: Livonia Transmission Plant
Project Number: MI001319.0001
Project Location: Livonia, Michigan

Date Started: 06/06/2016
Date Completed: 06/06/2016

Logger: T. Stevens
Editor: T. Stevens
Weather Conditions: Sunny, 80F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Est. K (ft/day) 0–40 | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.2') ASPHALT. | | 6" PVC Riser (0.0-9.7' bgs) | |
| 2 | | | | | 0.0 | | (0.2-3.7') SAND, medium to coarse, subrounded; and PEBBLES, granule to medium pebble, subrounded; trace silt; poorly sorted; wet; very dark gray (10YR 3/1). | | | |
| 3 | | | | | 0.0 | | | | | |
| 4 | | | | | 0.0 | | | | | |
| 5 | | | | | 0.0 | | (3.7-8.5') SAND, fine to coarse, subrounded; trace granules; poorly sorted; wet; black (10YR 2/1). | | Bentonite backfill (2.0-7.5' bgs) | |
| 6 | | | 60 | | 0.0 | | | | | |
| 7 | | | | | 0.0 | | | | | |
| 8 | | | | | 0.0 | | | | | |
| 9 | | | | | 0.0 | | (8.5-12.0') SAND, medium to coarse, subangular to subrounded; and PEBBLES, granule to small pebble; poorly sorted; wet; dark grayish brown (10YR 4/2). | | | |
| 10 | | | | | 0.0 | | | | | |
| 11 | | 6-13-13-13 (26) | 24 | SS-10_12 (sieve) | 0.0 | | | | K&E #0 Filter Sand (7.5-22.0' bgs') | |
| 12 | | | | | 0.0 | | | | | |
| 13 | | 12-21-32-39 (53) | 24 | SS-12_14 (sieve) | 0.0 | | (12.0-15.0') SAND, very fine to fine, rounded; well sorted; wet; yellowish brown (10YR 5/4). | | | |
| 14 | | | | | 0.0 | | | | | |
| 15 | | 6-16-23-24 (39) | 24 | SS-14_16 (sieve) | 0.2 | | | | 6" 10-slot Stainless Steel Screen (9.7-19.7' bgs) | |
| 16 | | | | | 0.3 | | (15.0-16.8') SAND and SILT, very fine, rounded; well sorted; wet; yellowish brown (10YR 5/4). | | | |
| 17 | | 26-37-45-40 (82) | 24 | SS-16_18 (sieve) | 0.6 | | | | | |
| 18 | | | | | 1.1 | | (16.8-17.7') SILT, trace very fine sand, trace granule; moist; brown (10YR 4/3). | | | |
| 19 | | 2-2-14-12 (16) | 24 | SS-18_20 | 0.7 | | (17.7-19.1') PEBBLES, granule to small pebble; and SAND, medium to coarse, subangular; poorly sorted; wet; brown (10YR 4/3). | | | |
| 20 | | | | | 0.9 | | (19.1-19.3') CLAY, some silt, medium plasticity; slow dilatancy; medium stiff; moist to dry; gray (10YR 5/1). | | | |

Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: Hand Auger to 5.0' bgs.

Sampling Method: Split spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.2
Water Level Finish (ft. btoc.):
Converted to Well: ☒ Yes ☐ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: PW-16-01

Sheet: 2 of 2

Project Name: Livonia Transmission Plant
Project Number: MI001319.0001
Project Location: Livonia, Michigan

Date Started: 06/06/2016
Date Completed: 06/06/2016

Logger: T. Stevens
Editor: T. Stevens
Weather Conditions: Sunny, 80F

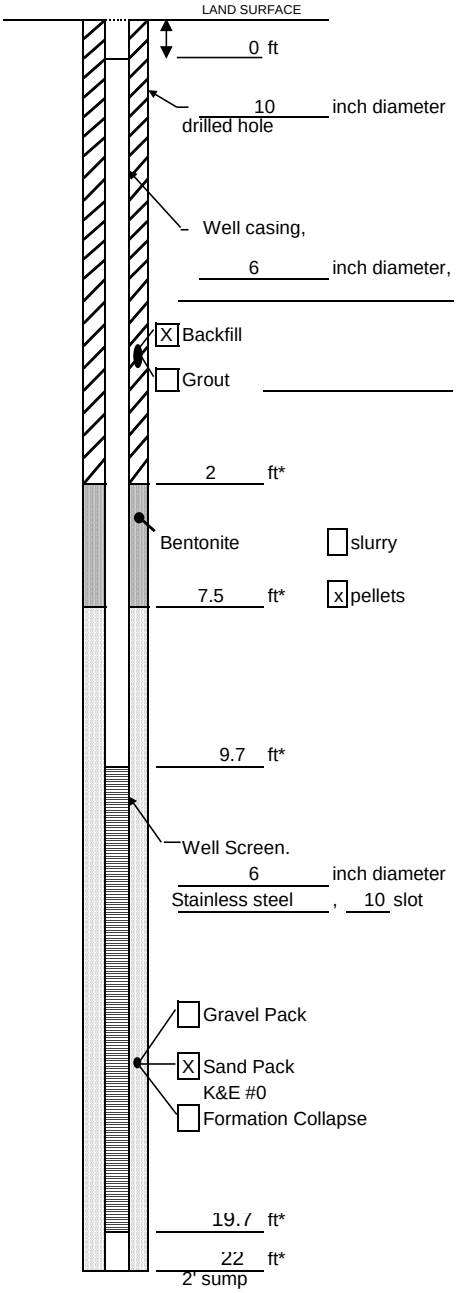
| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Est. K (ft/day) 0 40 | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|---|
| 21 | X | | 24 | SS-20_22 | 0.0 | | (19.3-20.1') SAND, medium to coarse; and PEBBLES, granule to small pebbles, subangular to subrounded; poorly sorted; wet; grayish brown (10YR 5/2). | | 6" Stainless Steel Sump (19.7-21.7') | |
| 22 | | | | | 0.0 | | (20.1-22.0') CLAY, some silt; medium plasticity; moist to dry; grayish brown (10YR 5/2). | | | |
| 23 | | | | | | | End of Boring at 22.0' bgs. | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| 26 | | | | | | | NOTE: HPT was completed to approximately 30.0' bgs prior to well installation. Soil boring was logged from split spoon samples and terminated at 22.0' bgs. | | | |
| 27 | | | | | | | | | | |
| 28 | | | | | | | | | | |
| 29 | | | | | | | | | | |
| 30 | | | | | | | | | | |
| 31 | | | | | | | | | | |
| 32 | | | | | | | | | | |
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| 37 | | | | | | | | | | |
| 38 | | | | | | | | | | |
| 39 | | | | | | | | | | |
| 40 | | | | | | | | | | |
| 41 | | | | | | | | | | |

Remarks:

SOIL BORING LOG_2013(DATA) N:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\FORD LTP BORING LOGS.GPJ ARCADIS.GDT 6/9/16

# Well Construction Log

(Unconsolidated)




Project Ford LTP Well PW-16-01

Town/City Livonia

County Wayne State MI

Permit No NA

Land-Surface Elevation and Datum:

_____ feet ☐ Surveyed ☐ Estimated

Installation Date(s) 6/6/2016

Drilling Method Hollow Stem Auger

Drilling Contractor Stearn Drilling

Drilling Fluid None

Development Technique(s) and Date(s)

Surge block and submersible pump on 6/8/16

Fluid Loss During Drilling none gallons

Water Removed During Development 160 gallons

Static Depth to Water 9.61 feet below M.P.

Pumping Depth to Water 17.8 feet below M.P.

Pumping Duration 0.5 hours

Yield 3 gpm Date 6/6/2016

Specific Capacity 0.37 gpm/ft

Well Purpose Remediation/Extraction Well

Remarks Max drawdown at 3 gpm measured at 17.8' btoc

Max drawdown at 6 gpm measured at 21.8' btoc

* Depth Below Land Surface

Prepared by Troy Stevens

ARCADIS

# Soil Boring Log

Boring No.: PZ-01

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/14/2018
Date Completed: 11/14/2018

Logger: C. Cisco
Editor: C. Cisco
Weather Conditions: 20° F, Sunny

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details |
|---|---|---|---|---|---|---|---|
| 1 | | 60 | | 0.0 | | (0.0-0.5') TOPSOIL. | 8.0" Flush mount 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0') Cement 9.0" dia. drilled hole |
| 2 | | | | 0.0 | | (0.5-2.5') SAND, fine to coarse; little granules to medium pebbles, subrounded to subangular; trace silt; poorly sorted; moist to dry; brown (10YR 4/3). | |
| 3 | | | | 0.0 | | (2.5-4.0') FILL; some asphalt; very dark grayish brown (10YR 3/2). Note: Asphalt is interbedded with material from above. | |
| 4 | | | | 0.0 | | | |
| 5 | | | | 0.0 | | (4.0-10.0') SAND, fine to medium; little granules to small pebbles, subrounded to subangular; trace silt; poorly sorted; moist to wet; brown (10YR 4/3). | |
| 6 | | 24 | | 0.0 | | | |
| 7 | | | | 0.0 | | Note: Black staining from 6.0-7.5' bgs, slight to no odor, no PID reading (0.0). | |
| 8 | | 36 | | 0.0 | | | (2.0-13.0') Bentonite Grout |
| 9 | | | | 0.0 | | | |
| 10 | | | | 0.0 | | Note: Boring appeared wet at 9.5' bgs. | |
| 11 | | 20 | | 0.0 | | (10.0-11.0') SAND, coarse to very coarse; and GRANULES to SMALL PEBBLES, subrounded; poorly sorted; wet; dark gray (10YR 4/1). | |
| 12 | | | | 0.0 | | (11.0-21.8') SAND, very fine to fine, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; wet; dark grayish brown (10YR 4/2). | |
| 13 | | 36 | | 0.0 | | | (13.0-14.0') Bentonite Pellets |
| 14 | | | | 0.0 | | | (14.0-22.0') Filter Pack Sand |
| 15 | | | | 0.0 | | | |
| 16 | | 22 | | 0.0 | | | (15.0-20.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen |
| 17 | | | | 0.0 | | | |
| 18 | | 36 | | 0.0 | | | |
| 19 | | | | 0.0 | | | |
| 20 | | | | 0.0 | | | |

Drilling Co.: Stearns
Driller: B. Marshall
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.5
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.3170000
North Coor: 319780.410000000
East Coor: 13387021.5040

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ARCADIS

Boring No.: PZ-01

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/14/2018
Date Completed: 11/14/2018

Logger: C. Cisco
Editor: C. Cisco
Weather Conditions: 20° F, Sunny

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | 24 | | 0.0 | | (11.0-21.8') SAND, very fine to fine, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; wet; dark grayish brown (10YR 4/2). | | |
| 22 | | | | 0.0 | | (21.8-22.0') CLAY, low to medium plasticity, no dilatancy; trace silt; moist to wet; soft; dark gray (10YR 4/1). | | |
| 23 | | | | | | End of boring at 22.0' bgs. | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Remarks:

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ARCADIS

Boring No.: PZ-02

# Soil Boring Log

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/14/2018
Date Completed: 11/15/2018

Logger: C. Cisco
Editor: C. Cisco
Weather Conditions: 30° F, Cloudy/Snowing

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | 60 | | 0.0 | | (0.0-0.5') ASPHALT. | 8.0" Flush mount 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0') Cement 9.0" dia. drilled hole | |
| | | | | 0.0 | | (0.5-1.5') SAND, fine to coarse; little granules to small pebbles, subrounded to subangular; poorly sorted; dry; brown (10YR 4/3). | | |
| 2 | | | | | | Note: Bits of gravel and concrete present. Finer mesh (Landscaping use) at 1.5' bgs. | | |
| 3 | | | | 0.0 | | (1.5-4.0') SAND, fine to medium; little granules, subrounded to subangular; trace silt; some clay, medium to high plasticity; poorly sorted; dry; dark brown (10YR 3/3). | | |
| 4 | | | | 0.0 | | | | |
| 5 | | | | 0.0 | | (4.0-4.5') CLAY, medium to high plasticity, no dilatancy; trace silt; trace small pebbles, subrounded to subangular; poorly sorted; dry; medium stiff to soft; very dark grayish brown (10YR 3/2). | | |
| 6 | | 24 | | 0.0 | | (4.5-5.0') SAND, fine to medium, subrounded to subangular; trace silt; poorly sorted; moist to dry; brownish yellow (10YR 6/6). | | |
| 7 | | | | 0.0 | | (5.0-5.3') CLAY, medium to high plasticity, no dilatancy; trace silt; dry to moist; medium stiff to soft; very dark grayish brown (10YR 3/2). | | |
| 8 | | 36 | | 0.0 | | (5.3-10.2') SAND, fine to medium; little granules, subrounded to subangular; trace silt; poorly sorted; moist to wet; yellowish brown (10YR 5/4). | (2.0-13.0') Bentonite Grout | |
| 9 | | | | 0.0 | | | | |
| 10 | | | | 0.0 | | Note: Wet 9.5' bgs. | | |
| 11 | | 16 | | 0.0 | | (10.2-17.0') SAND, very fine to fine, subrounded to subangular; and SILT, non plastic, rapid dilatancy; well sorted; wet; dark grayish brown (10YR 4/2). | | |
| 12 | | | | 0.0 | | Note: Little coarse to very coarse sand, subrounded from 11.2-11.6' bgs. | | |
| 13 | | 36 | | 0.0 | | | (13.0-14.0') Bentonite Pellets | |
| 14 | | | | 0.0 | | Note: Change to dark gray (10YR 4/1) at 14.0' bgs. | (14.0-22.0') Filter Pack Sand | |
| 15 | | | | 0.0 | | | | |
| 16 | | 20 | | 0.0 | | Note: Silt with no sand 15.0-16.0' and 16.2-16.3' bgs. | (15.0-20.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 17 | | | | 0.0 | | | | |
| 18 | | 36 | | 0.0 | | (17.0-21.0') SILT, nonplastic, high dilatancy; and SAND, very fine, subrounded to subangular; well sorted; wet; dark gray (10YR 4/1). | | |
| 19 | | | | 0.0 | | | | |
| 20 | | | | 0.0 | | | | |

Drilling Co.: Stearns
Driller: B. Marshall
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.5
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.0690000
North Coor: 319188.846000000
East Coor: 13387078.5790

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ARCADIS

Boring No.: PZ-02

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/14/2018
Date Completed: 11/15/2018

Logger: C. Cisco
Editor: C. Cisco
Weather Conditions: 30° F, Cloudy/Snowing

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | 24 | | 0.0 | | (17.0-21.0') SILT, nonplastic, high dilatancy; and SAND, very fine, subrounded to subangular; well sorted; wet; dark gray (10YR 4/1). | | |
| 22 | | | | 0.0 | | (21.0-22.0') CLAY, medium plasticity, rapid dilatancy; some silt; wet; soft to very soft; dark gray (10YR 4/1). | | |
| | | | | | | End of boring at 22.0' bgs. | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
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| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Remarks:

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ARCADIS

Boring No.: PZ-03

# Soil Boring Log

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/15/2018
Date Completed: 11/15/2018

Logger: C. Cisco
Editor: C. Cisco
Weather Conditions: 30° F, Cloudy/Snowing

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | 60 | | 0.0 | | (0.0-0.5') ASPHALT. | 8.0" Flush mount 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0') Cement 9.0" dia. drilled hole | |
| | | | | 0.1 | | (0.5-1.0') FILL; concrete; gravel; small cobbles, subrounded to subangular. Note: Underlain by fiber mesh. | | |
| 2 | | | | | | (1.0-2.5') CLAY, medium to high plasticity, no dilatancy; trace silt; trace small pebbles, subrounded to subangular; poorly sorted; dry; medium stiff to soft; very dark grayish brown (10YR 3/2). | | |
| 3 | | | | 0.0 | | | | |
| | | | | 0.2 | | (2.5-3.0') ASPHALT; and SAND, medium to very coarse; some granules to small pebbles, subrounded to subangular; trace silt; poorly sorted; dry; dark grayish brown (10YR 4/2). | | |
| 4 | | | | | | | | |
| | | | | 0.1 | | (3.0-3.5') SAND, medium to very coarse; some granules to small pebbles, subrounded to subangular; trace silt; poorly sorted; dry; dark grayish brown (10YR 4/2). | | |
| 5 | | | | | | | | |
| 6 | | 24 | | 0.4 | | (3.5-4.0') SAND, medium to very coarse; some granules, subrounded to subangular; trace small pebbles, subrounded to subangular; trace silt; poorly sorted; dry; black (10YR 2/1). Note: Slight odor. | | |
| | | | | 0.7 | | | | |
| 7 | | | | | | (4.0-6.0') SAND, fine to medium, subrounded to subangular; trace silt; poorly sorted; moist to dry; very dark grayish brown (10YR 3/2). | (2.0-13.0') Bentonite Grout | |
| | | | | 1.0 | | | | |
| 8 | | 36 | | | | (6.0-7.5') CLAY, medium to high plasticity, no dilatancy; some sand, fine to medium, subrounded to subangular; trace silt; poorly sorted; dry to moist; medium stiff to soft; black (10YR 2/1). Note: Slight to moderate odor. | | |
| | | | | 1.6 | | | | |
| 9 | | | | | | | | |
| | | | | 1.2 | | (7.5-10.0') SAND, fine to medium; little granules, subrounded to subangular; trace silt; poorly sorted; moist to wet; light brownish gray (10YR 6/2). | | |
| 10 | | | | | | | | |
| | | | | 0.2 | | (10.0-15.8') SAND, very fine to fine, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; well sorted; wet; dark grayish brown (10YR 4/2). Note: Little coarse to very coarse sand, subrounded to subangular from 11.0-11.6' bgs. | | |
| 11 | | 24 | | 0.1 | | | | |
| 12 | | | | | | | | |
| | | | | 0.0 | | | | |
| 13 | | | | | | | (13.0-14.0') Bentonite Pellets | |
| | | 36 | | 0.0 | | | | |
| 14 | | | | | | | | |
| | | | | 0.0 | | | (14.0-22.0') Filter Pack Sand | |
| 15 | | | | | | | | |
| | | | | 0.0 | | | | |
| 16 | | 20 | | | | (15.8-21.2') SILT, nonplastic, rapid dilatancy; and SAND, very fine, subrounded to subangular; well sorted; wet; dark gray (10YR 4/1). | | |
| | | | | 0.0 | | | (15.0-20.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 17 | | | | | | | | |
| | | | | 0.0 | | | | |
| 18 | | | | | | | | |
| | | 36 | | 0.0 | | | | |
| 19 | | | | | | | | |
| | | | | 0.0 | | | | |
| 20 | | | | | | | | |

Drilling Co.: Stearns
Driller: B. Marshall
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.5
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.0190000
North Coor: 318739.722000000
East Coor: 13387097.7990

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/4/24

ARCADIS

# Soil Boring Log

Boring No.: PZ-03

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/15/2018
Date Completed: 11/15/2018

Logger: C. Cisco
Editor: C. Cisco
Weather Conditions: 30° F, Cloudy/Snowing

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | X | 24 | | 0.0 | | (15.8-21.2') SILT, nonplastic, rapid dilatancy; and SAND, very fine, subrounded to subangular; well sorted; wet; dark gray (10YR 4/1). Note: Some clay present from 20.3-20.4' bgs. | | |
| 22 | | | | 0.0 | | (21.2-22.0') CLAY, medium plasticity, rapid dilatancy; some silt; wet; soft to very soft; dark gray (10YR 4/1). End of boring at 22.0' bgs. | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/4/24

ARCADIS

Boring No.: PZ-04

# Soil Boring Log

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/16/2018
Date Completed: 11/16/2018

Logger: C. Cisco
Editor: C. Cisco
Weather Conditions: 30° F, Cloudy/Snowing/Windy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | 60 | | 0.0 | | (0.0-0.3') ASPHALT. | 8.0" Flush mount | |
| | | | | | | (0.3-1.0') FILL; concrete; gravel; small cobbles, subrounded to subangular. | | |
| 2 | | | | 0.0 | | (1.0-3.5') CLAY, medium to high plasticity, no dilatancy; trace silt; trace small pebbles, subrounded to subangular; poorly sorted; dry; medium stiff to soft; gray (10YR 5/1). | 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0') | |
| 3 | | | | | | | | |
| 4 | | | | 0.0 | | (3.5-7.5') SAND, fine to coarse; trace granules, subrounded to subangular; trace silt; dry; poorly sorted; yellowish brown (10YR 5/4). | Cement 9.0" dia. drilled hole | |
| 5 | | | | 0.0 | | | | |
| 6 | | 24 | | 0.0 | | | | |
| 7 | | | | 0.0 | | | | |
| 8 | | 36 | | 0.0 | | (7.5-10.0') SAND, fine to coarse; trace granules, subrounded to subangular; trace silt; trace clay; poorly sorted; moist to wet; light brownish gray (10YR 6/2). | (2.0-14.0') Bentonite Grout | |
| 9 | | | | 0.0 | | | | |
| 10 | | | | 0.0 | | | | |
| 11 | | 24 | | 0.0 | | (10.0-16.1') SAND, very fine, subrounded to subangular; and SILT, nonplastic, rapid dilatancy; poorly sorted; wet; dark grayish brown (10YR 4/2). Note: From 11.0-11.7' bgs, sand grain size changes to very coarse grain, subrounded to subangular. | | |
| 12 | | | | 0.0 | | | | |
| 13 | | 36 | | 0.0 | | | | |
| 14 | | | | 0.0 | | | | |
| 15 | | | | 0.0 | | | (14.0-15.0') Bentonite Pellets | |
| 16 | | 24 | | 0.0 | | | (15.0-24.0') Filter Pack Sand | |
| 17 | | | | 0.0 | | (16.1-20.0') SILT, nonplastic, rapid dilatancy; and SAND, very fine, subrounded to subangular; wet; dark gray (10YR 4/1). Note: Trace to some clay from 16.4-16.5' bgs. | | |
| 18 | | 36 | | 0.0 | | | (16.0-21.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 19 | | | | 0.0 | | | | |
| 20 | | | | 0.0 | | | | |

Drilling Co.: Stearns
Driller: B. Marshall
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.5
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.3690000
North Coor: 318238.370000000
East Coor: 13387132.5040

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ARCADIS

Boring No.: PZ-04

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/16/2018
Date Completed: 11/16/2018

Logger: C. Cisco
Editor: C. Cisco
Weather Conditions: 30° F, Cloudy/Snowing/Windy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | 24 | | 0.0 | | (20.0-20.4') SAND, fine to medium, subrounded to subangular; trace clay; trace silt; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 22 | | | | 0.0 | | (20.4-23.5') SILT, nonplastic to low plasticity, rapid dilatancy; and SAND, very fine, subrounded to subangular; trace clay; poorly sorted; wet; dark gray (10YR 4/1). Note: Some clay present from 21.0-21.2', 21.6-21.3', and 21.9-22.0' bgs. | | |
| 23 | | 24 | | 0.0 | | | | |
| 24 | | | | 0.0 | | (23.5-24.0') CLAY, medium plasticity, rapid dilatancy; some silt; wet; soft to very soft; dark gray (10YR 4/1). End of boring at 24.0' bgs. | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Remarks:

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ARCADIS

Boring No.: PZ-05

# Soil Boring Log

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/20/2018
Date Completed: 11/20/2018
Weather Conditions: 20° F

Logger: J. Barker
Editor: C. Cisco

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description |
|---|---|---|---|---|---|---|
| 1 | | 60 | | | | (0.0-0.3') ASPHALT.<br>(0.3-1.0') GRAVEL. |
| 2 | | | | | | (1.0-2.5') SAND, very fine; little silt; trace large pebble, subangular; dry; very loose; very dark grayish brown (10YR 3/2). |
| 3 | | | | 0.1 | | (2.5-3.0') SAND, very fine; little silt; little clay; trace large pebble, subangular; dry; very loose; very dark grayish brown (10YR 3/2). |
| 4 | | | | 0.3 | | (3.0-4.5') SAND, very fine; little silt; trace clay; trace large pebble, subangular; dry; very loose; very dark grayish brown (10YR 3/2). |
| 5 | | | | | | (4.5-5.0') SAND, very fine to fine; trace large pebble, subrounded to subangular; dry; very loose; dark grayish brown (10YR 4/2). |
| 6 | | 6.8 | | 0.3 | | (5.0-5.2') SAND, very fine; little silt; dry; loose; dark grayish brown (10YR 4/2). |
| 7 | | | | | | (5.2-10.0') SAND, very fine to fine; trace large pebble, subrounded; well sorted; dry; very loose; brown (10YR 5/3). |
| 8 | | 36 | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | 1.7 | | 0.7 | | (10.0-11.6') SAND, very fine to fine; well sorted; moist; loose; grayish brown (10YR 5/2). |
| 12 | | | | 0.2 | | Note: At 11.5' bgs, 1.0" layer of SAND, medium, wet.<br>(11.6-15.0') SILT, nonplastic, no dilatancy; wet; soft; grayish brown (10YR 5/2). |
| 13 | | 36 | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | 1.7 | | 0.1 | | (15.0-20.5') SAND, very fine fine; little silt; well sorted; wet; loose; grayish brown (10YR 5/2). |
| 17 | | | | 0.1 | | |
| 18 | | 36 | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

Construction Details / Well:
- 8.0" Flush mount
- 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0')
- Cement
- 8.0" dia. drilled hole
- (2.0-13.0') Bentonite Grout
- (13.0-14.0') Bentonite Pellets
- (14.0-22.0') Filter Pack Sand
- (15.0-20.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen

Drilling Co.: Stearns
Driller: B. Marshall & T. Ulrich
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.3640000
North Coor: 318091.463000000
East Coor: 13386866.1470

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ARCADIS

# Soil Boring Log

Boring No.: PZ-05

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/20/2018
Date Completed: 11/20/2018

Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 20° F

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | 24 | | | | (20.5-22.0') CLAY, high plasticity, no dilatancy; little silt; moist; soft; grayish brown (10YR 5/2). | | |
| 22 | | | | | | End of boring at 22.0' bgs. | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
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| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Remarks:

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ARCADIS

# Soil Boring Log

Boring No.: PZ-06

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/20/2018
Date Completed: 11/20/2018
Logger: J. Barker
Editor: C. Cisco
Weather Conditions: NA

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | 60 | | 0.3 | | (0.0-0.3') ASPHALT. | 8.0" Flush mount | |
| | | | | | | (0.3-1.0') SAND, fine; and LARGE PEBBLES, subrounded to subangular; little silt; poorly sorted; dry; very loose; brown (10YR 5/3). | | |
| 2 | | | | | | (1.0-1.5') CONCRETE. | 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0') Cement | |
| | | | | 1.1 | | (1.5-3.0') SAND, very fine to fine; trace large pebble, subrounded to subangular; well sorted; dry; very loose; very dark grayish brown (10YR 3/2). | | |
| 3 | | | | | | | | |
| | | | | 0.4 | | (3.0-4.5') SAND, very fine; little clay; trace large pebble, subrounded to subangular; well sorted; dry; very loose; dark grayish brown (10YR 4/2). | | |
| 4 | | | | | | | | |
| | | | | 1.5 | | (4.5-5.0') SAND, very fine to fine; little silt; trace pebble, small to medium, subangular; poorly sorted; dry; very loose; brown (10YR 4/3). | 8.0" dia. drilled hole | |
| 5 | | | | | | | | |
| 6 | | 20.4 | | 0.8 | | (5.0-10.0') SAND, very fine to fine; well sorted; dry; very loose; brownish yellow (10YR 6/6). | | |
| 7 | | | | | | | | |
| 8 | | | | | | | (2.0-13.8') Bentonite Grout | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | 10.8 | | 0.2 | | (10.0-20.1') SAND, fine to medium; well sorted; wet; very loose; grayish brown (10YR 5/2). | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | (13.8-15.0') Bentonite Pellets | |
| | | | | | | | (15.0-24.0') Filter Pack Sand | |
| 16 | | 24 | | 0.5 | | | | |
| | | | | 0.5 | | | | |
| 17 | | | | | | | (16.0-21.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

Drilling Co.: Stearns
Driller: B. Marshall & T. Ulrich
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 672.0680000
North Coor: 319385.340000000
East Coor: 13386734.7080

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ARCADIS

Boring No.: PZ-06

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/20/2018
Date Completed: 11/20/2018

Logger: J. Barker
Editor: C. Cisco
Weather Conditions: NA

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | 24 | | 1.1 | | (20.1-21.5') SILT; and CLAY, medium plasticity, no dilatancy; moist; very soft; grayish brown (10YR 5/2). | | |
| 22 | | | | 0.6 | | (21.5-23.0') SILT; some clay, low plasticity, no dilatancy; wet; very soft; grayish brown (10YR 5/2). | | |
| 23 | | 24 | | 0.3 | | | | |
| 24 | | | | 0.6 | | (23.0-24.0') CLAY, medium plasticity, no dilatancy; moist; soft; grayish brown (10YR 5/2). | | |
| 25 | | | | | | End of boring at 24.0' bgs. | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Remarks:

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ARCADIS

Boring No.: PZ-07

# Soil Boring Log

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/26/2018
Date Completed: 11/26/2018

Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 30° F, Snowy/Windy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1–10 | | 0 | | | | (0.0-10.0') No lithology recorded. Air Knife, open borehole from 0.0-9.5' bgs. | 8.0" Flush mount 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0') Cement 8.0" dia. drilled hole; (2.0-13.0') Bentonite Grout | |
| 10 | | | | 0.3 | | (10.0-10.5') SAND, fine; trace large pebble, subrounded to subangular; poorly sorted; wet; very loose; gray (10YR 5/1). | | |
| 11–12 | | 18 | | 1.0 | | (10.5-11.0') SAND, fine to coarse, subrounded to subangular; some silt; trace clay; poorly sorted; wet; very loose; gray (10YR 5/1). | | |
| 12–15 | | | | | | (11.0-21.5') SAND, fine; trace silt; well sorted; wet; very loose; gray (10YR 5/1). | (13.0-14.0') Bentonite Pellets; (14.0-22.0') Filter Pack Sand | |
| 15 | | | | 0.2 | | | | |
| 16–17 | | 24 | | 0.2 | | | (15.0-20.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 18–20 | | | | | | | | |

Drilling Co.: Stearns
Driller: B. Marshall & T. Ulrich
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Air Knife to 10 ft / Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.2880000
North Coor: 319327.378000000
East Coor: 13386769.0110

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ARCADIS

Boring No.: PZ-07

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 11/26/2018
Date Completed: 11/26/2018

Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 30° F, Snowy/Windy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | 24 | | 0.9 | | (11.0-21.5') SAND, fine; trace silt; well sorted; wet; very loose; gray (10YR 5/1). | | |
| 22 | | | | 1.4 | | (21.5-22.0') CLAY, medium plasticity, no dilatancy; moist; gray (10YR 5/1). End of boring at 22.0' bgs. | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
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| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Remarks:

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ARCADIS

Boring No.: PZ-08

# Soil Boring Log

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/17/2018
Date Completed: 12/17/2018
Weather Conditions: 30° F

Logger: J. Barker
Editor: C. Cisco

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details |
|---|---|---|---|---|---|---|---|
| 1–10 | | 120 | | | | (0.0-10.0') No lithology recorded. Air Knife, open borehole from 0.0-6.5' bgs. | 8.0" Flush mount 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0') Cement 8.0" dia. drilled hole; (2.0-13.0') Bentonite Grout |
| 10–12 | | 24 | | 0.0<br>7.7 | | (10.0-11.5') SAND, fine to coarse, subrounded to subangular; trace silt; trace clay; well sorted; wet; very loose; gray (10YR 5/1).<br>Note: At 11.5' bgs, 2.0" layer with little pebbles, small to large, subrounded. | |
| 12–15 | | | | | | (11.5-15.0') SAND, fine to medium; trace silt; trace clay; well sorted; wet; very loose; gray (10YR 5/1). | (13.0-14.0') Bentonite Pellets; (14.0-22.0') Filter Pack Sand |
| 15–17 | | 24 | | 0.0<br>0.0 | | (15.0-20.5') SAND, very fine to fine; trace silt; trace clay; well sorted; wet; very loose; gray (10YR 5/1). | (15.0-20.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen |
| 17–20 | | | | | | | |

Drilling Co.: Stearns
Driller: M. Hefferan
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 669.0510000
North Coor: 320092.793000000
East Coor: 13386745.7970

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/4/24

ARCADIS

Boring No.: PZ-08

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/17/2018
Date Completed: 12/17/2018

Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 30° F

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | X | 24 | | 4.0 | | | | |
| 22 | | | | 0.0 | | (20.5-22.0') CLAY, medium plasticity, rapid dilatancy; trace fine sand; moist; soft to medium stiff; gray (10YR 5/1). | | |
| | | | | | | End of boring at 22.0' bgs. | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
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| 40 | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/4/24

ARCADIS

Boring No.: PZ-09

# Soil Boring Log

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/17/2018
Date Completed: 12/17/2018

Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 30° F

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1–10 | | | | | | (0.0-10.5') No lithology recorded. Air Knife, open borehole from 0.0-6.5' bgs. | 8.0" Flush mount 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0') Cement 8.0" dia. drilled hole; (2.0-10.0') Bentonite Grout | |
| 11 | | 12 | | | | (10.5-11.0') SAND, fine; trace silt; trace clay; well sorted; wet; very loose; brown (10YR 5/3). | | |
| 12 | | | | 61.7 | | (11.0-15.0') SAND, fine to coarse, subrounded to subangular; little silt; trace clay; little granules, subrounded to subangular; trace pebbles, small to large, subrounded; poorly sorted; wet; very loose; yellowish brown (10YR 5/4). | (10.0-13.0') Bentonite Pellets | |
| 13–15 | | | | | | | (13.0-24.0') Filter Pack Sand | |
| 16 | | 24 | | 74.1 | | (15.0-20.0') SAND, fine to medium, subrounded to subangular; trace silt; trace clay; well sorted; wet; very loose; dark grayish brown (10YR 4/2). | (15.0-20.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 17 | | | | 76.8 | | Note: At 16.5' bgs, 2.0" layer of clay, medium plasticity, rapid dilatancy. | | |
| 18–20 | | | | | | | | |

Drilling Co.: Stearns
Driller: M. Hefferan
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 672.4300000
North Coor: 319075.439000000
East Coor: 13386708.0810

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ARCADIS

Boring No.: PZ-09

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/17/2018
Date Completed: 12/17/2018

Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 30° F

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | 24 | | 40.8 | | (20.0-21.5') SAND, fine; trace silt; trace clay; well sorted; wet; loose; gray (10YR 5/1). | | |
| 22 | | | | 11.6 | | (21.5-23.5') SAND, fine; little silt; trace clay; well sorted; wet; loose; gray (10YR 5/1). Note: Silt content changes to about 10%. | | |
| 23 | | 24 | | 0.0 | | | | |
| 24 | | | | 36.5 | | (23.5-24.0') CLAY, medium plasticity, rapid dilatancy; moist; medium stiff; gray (10YR 5/1). End of boring at 24.0' bgs. | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
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Remarks:

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ARCADIS

# Soil Boring Log

Boring No.: PZ-10

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/18/2018
Date Completed: 12/18/2018
Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 30° F

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1–10 | | 0 | | | | (0.0-10.5') No lithology recorded. Air Knife, open borehole from 0.0-9.5' bgs. | 8.0" Flush mount 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0') Cement 8.0" dia. drilled hole; (2.0-11.0') Bentonite Grout | |
| 11 | | 18 | | 0.0 | | (10.5-11.0') SAND, fine; trace silt; trace clay; well sorted; wet; loose; grayish brown (10YR 5/2). | | |
| 12 | | | | 3.6 | | (11.0-11.5') SAND, fine to coarse, subrounded to subangular; trace silt; trace clay; little pebbles, small to large, subrounded to subangular; poorly sorted; wet; very loose; gray (10YR 5/1). | (11.0-13.0') Bentonite Pellets | |
| 13–15 | | | | | | (11.5-20.0') SAND, fine to medium, subrounded to subangular; trace clay; well sorted; wet; very loose; grayish brown (10YR 5/2). | (13.0-24.0') Filter Pack Sand | |
| 16 | | 24 | | 0.0 | | | | |
| 17 | | | | 0.5 | | | (15.0-20.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 18–20 | | | | | | | | |

Drilling Co.: Stearns
Driller: M. Hefferan
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.9650000
North Coor: 318897.704000000
East Coor: 13386729.3540

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ARCADIS

Boring No.: PZ-10

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/18/2018
Date Completed: 12/18/2018

Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 30° F

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | 24 | | 0.5 | | (20.0-21.5') SAND, fine; trace silt; trace clay; well sorted; wet; loose; gray (10YR 5/1). | | |
| 22 | | | | 5.0 | | (21.5-24.0') CLAY, medium plasticity, no dilatancy; moist; medium stiff; gray (10YR 5/1). | | |
| 23 | | 24 | | 2.6 | | | | |
| 24 | | | | 5.5 | | | | |
| 25 | | | | | | End of boring at 24.0' bgs. | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
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Remarks:

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ARCADIS

# Soil Boring Log

Boring No.: PZ-11

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/18/2018
Date Completed: 12/18/2018
Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 30° F

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1–5 | | | | | | (0.0-5.0') No lithology recorded. Air Knife, open borehole from 0.0-5.0' bgs. | 8.0" Flush mount 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0') Cement 8.0" dia. drilled hole | |
| 6 | | 22 | | 4.5 | | (5.0-10.0') SAND, fine; some silt; trace clay; well sorted; moist; medium dense; very dark brown (10YR 2/2). Note: Trace brick fragments present from 5.0-5.5' bgs. | | |
| 7 | | | | 0.2 | | | (2.0-11.0') Bentonite Grout | |
| 8–10 | | | | | | | | |
| 11 | | 19 | | 5.3 | | (10.0-15.0') SAND, fine to coarse, subrounded to subangular; little silt; trace clay; trace pebbles, small to medium, subrounded to subangular; poorly sorted; wet; very loose; grayish brown (10YR 5/2). | | |
| 12 | | | | 7.0 | | | (11.0-13.0') Bentonite Pellets | |
| 13–15 | | | | | | | (13.0-22.0') Filter Pack Sand | |
| 16 | | 24 | | 6.6 | | (15.0-16.0') SAND, fine to medium, subrounded to subangular; trace silt; trace clay; well sorted; wet; very loose; gray (10YR 5/1). | | |
| 17 | | | | 3.8 | | (16.0-20.0') SAND, fine; trace silt; trace clay; well sorted; wet; very loose; gray (10YR 5/1). | (15.0-20.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 18–20 | | | | | | | | |

Drilling Co.: Stearns
Driller: M. Hefferan
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.4450000
North Coor: 318624.912000000
East Coor: 13386823.4210

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/4/24

ARCADIS

Boring No.: PZ-11

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/18/2018
Date Completed: 12/18/2018

Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 30° F

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | | | 2.7 | | (20.0-21.5') SAND, fine to medium, subrounded to subangular; trace silt; trace clay; well sorted; wet; very loose; gray (10YR 5/1). | | |
| 22 | | | | 3.8 | | (21.5-22.0') CLAY, medium plasticity, slow dilatancy; moist; soft; gray (10YR 5/1). | | |
| | | | | | | End of boring at 22.0' bgs. | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
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Remarks:

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/4/24

ARCADIS

Boring No.: PZ-12

# Soil Boring Log

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/19/2018
Date Completed: 12/19/2018
Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 30° F

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1–10 | | | | | | (0.0-10.0') No lithology recorded. Air Knife, open borehole from 0.0-9.0' bgs. | 8.0" Flush mount 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0') Cement 8.0" dia. drilled hole | |
| 11 | | 24 | | 0.0 | | (10.0-15.5') SAND, fine to coarse, subrounded to subangular; trace silt; little clay; little pebbles, subrounded to subangular; poorly sorted; wet; very loose; dark grayish brown (10YR 4/2). | (2.0-11.0') Bentonite Grout | |
| 12 | | | | 0.0 | | | (11.0-13.0') Bentonite Pellets | |
| 13–15 | | | | | | | (13.0-22.0') Filter Pack Sand | |
| 15 | | | | 0.0 | | | | |
| 16 | | 20 | | | | (15.5-20.0') SAND, fine; trace silt; well sorted; wet; very loose; gray (10YR 5/1). | (15.0-20.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 17–20 | | | | 0.0 | | | | |

Drilling Co.: Stearns
Driller: M. Hefferan
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.5720000
North Coor: 318364.876000000
East Coor: 13386839.0070

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ARCADIS

Boring No.: PZ-12

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/19/2018
Date Completed: 12/19/2018

Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 30° F

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | 24 | | 0.0 | | (20.0-20.5') SAND, fine to coarse, subrounded to subangular; little silt; trace clay; poorly sorted; very loose; wet; gray (10YR 5/1). | | |
| | | | | 0.0 | | (20.5-21.5') SAND, very fine to fine; trace silt; trace clay; well sorted; wet; loose; gray (10YR 6/1). | | |
| 22 | | | | | | (21.5-22.0') CLAY, medium plasticity, no dilatancy; moist; soft; gray (10YR 6/1). | | |
| | | | | | | End of boring at 22.0' bgs. | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
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Remarks:

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ARCADIS

# Soil Boring Log

Boring No.: PZ-13

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/19/2018
Date Completed: 12/19/2018
Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 20° F

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1–10 | | | | | | (0.0-10.0') No lithology recorded. Air Knife, open borehole from 0.0-9.0' bgs. | 8.0" Flush mount 2.0" dia. SCH. 40 PVC Well Casing (0.0-2.0') Cement 8.0" dia. drilled hole; (2.0-11.0') Bentonite Grout | |
| 11 | | 18 | | 4.5 | | (10.0-11.5') SAND, fine to very coarse, subrounded to subangular; trace silt; trace clay; little pebbles, small to large, subrounded to subangular; poorly sorted; wet; very loose; dark grayish brown (10YR 4/2). | | |
| 12 | | | | 1.7 | | (11.5-20.0') SAND, very fine to medium, subrounded to subangular; trace silt; trace clay; well sorted; wet; loose; grayish brown (10YR 5/2). | (11.0-13.0') Bentonite Pellets | |
| 13–15 | | | | | | | (13.0-24.0') Filter Pack Sand | |
| 16 | | 22 | | 5.4 | | | | |
| 17 | | | | 0.0 | | | (15.0-20.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 18–20 | | | | | | | | |

Drilling Co.: Stearns
Driller: M. Hefferan
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: Split Spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 671.5400000
North Coor: 318785.118000000
East Coor: 13386731.9610

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ARCADIS

Boring No.: PZ-13

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 12/19/2018
Date Completed: 12/19/2018

Logger: J. Barker
Editor: C. Cisco
Weather Conditions: 20° F

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | 24 | | 0.0 | | (20.0-21.0') SAND, fine to medium; trace coarse sand, subrounded to subangular; trace silt; trace clay; well sorted; wet; loose; gray (10YR 5/1). | | |
| 22 | | | | 0.0 | | (21.0-22.5') SAND, very fine; trace silt; trace clay; well sorted; wet; loose; gray (10YR 5/1). Note: At 21.5' bgs, 2.0" layer of clay, medium plasticity, rapid dilatancy; moist; soft; gray (10YR 5/1). | | |
| 23 | | 20 | | | | (22.5-24.0') CLAY, medium plasticity, rapid dilatancy; little silt; moist; medium stiff; gray (10YR 5/1). | | |
| 24 | | | | | | End of boring at 24.0' bgs. | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
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Remarks:

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/4/24

ARCADIS

# Soil Boring Log

Boring No.: PZ-14

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 04/10/2019
Date Completed: 04/10/2019

Logger: S. Johnson
Editor: S. Johnson
Weather Conditions: 40° F, Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | NA | | (0.0-0.3') ASPHALT. | 8.0" Flush mount (0.0-0.5') Cement 2.0" dia. SCH. 40 PVC Well Casing 8.0" dia. drilled hole (0.5-2.0') Filter Pack Sand (2.0-11.0') Bentonite Pellets | |
| 2 | | | | NA | | (0.3-10.0') No lithology recorded. | | |
| 3 | | 72 | | NA | | | | |
| 4 | | | | NA | | | | |
| 5 | | | | NA | | | | |
| 6 | | | | NA | | | | |
| 7 | | | | NA | | | | |
| 8 | | | | NA | | | | |
| 9 | | 10 | | NA | | | | |
| 10 | | | | NA | | | | |
| 11 | | | | 0.0 | | (10.0-11.0') SAND, very fine, subrounded to subangular; some silt; trace small pebbles, subrounded to subangular; well sorted; wet; loose; dark grayish brown (10 YR 4/2). | | |
| 12 | | | | 0.0 | | (11-13.8') SAND, fine to medium, subrounded to subangular; well sorted; wet; loose; grayish brown (10 YR 5/2). | (11.0-21.0') Filter Pack Sand | |
| 13 | | | | 0.0 | | | | |
| 14 | | 40 | | 0.0 | | | | |
| 15 | | | | 0.0 | | (13.8-16.6') SILT, nonplastic, rapid dilatancy; some sand, very fine; wet; soft; dark gray (10 YR 4/1). | (13.0-18.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 16 | | | | 0.0 | | | | |
| 17 | | | | 0.0 | | (16.6-20.6') SILT, nonplastic, slow dilatancy; some clay; wet; soft; dark gray (10 YR 4/1). | | |
| 18 | | | | 0.0 | | | | |
| 19 | | 44 | | 0.0 | | | | |
| 20 | | | | 0.0 | | | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Air Knife / Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 670.2610000
North Coor: 319912.070000000
East Coor: 13386674.1700

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/4/24

ARCADIS

Boring No.: PZ-14

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 04/10/2019
Date Completed: 04/10/2019

Logger: S. Johnson
Editor: S. Johnson
Weather Conditions: 40° F, Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 21 | | | | 0.0 | | (20.6-21.0') CLAY, medium plasticity, no dilatancy; little silt; moist; medium stiff; gray (10 YR 5/1). End of boring at 21.0' bgs | | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/4/24

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# Soil Boring Log

Boring No.: PZ-15

Sheet: 1 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 04/10/2019
Date Completed: 04/10/2019

Logger: S. Johnson
Editor: S. Johnson
Weather Conditions: 42° F, Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | NR | | (0.0-0.3') ASPHALT. | 8.0" Flush mount (0.0-0.5') Cement | |
| | | | | | | (0.3-10.0') No lithology recorded. | | |
| 2 | | | | NR | | | | |
| 3 | | | | NR | | | | |
| 4 | | | | NR | | | | |
| 5 | | 0 | | NR | | | 2.0" dia. SCH. 40 PVC Well Casing 8.0" dia. drilled hole (0.5-2.0') Filter Pack Sand | |
| 6 | | | | NR | | | | |
| 7 | | | | NR | | | (2.0-11.0') Bentonite Pellets | |
| 8 | | | | NR | | | | |
| 9 | | | | NR | | | | |
| 10 | | | | NR | | | | |
| 11 | | | | 0.0 | | (10.0-12.5') SAND, fine to medium, subrounded to subangular; well sorted; wet; loose; gray (10 YR 5/1). | | |
| 12 | | | | 0.0 | | | (11.0-20.0') Filter Pack Sand | |
| 13 | | 54 | | 0.0 | | (12.5-14.2') SAND, very fine, subrounded to subangular; some silt; well sorted; wet; loose; dark gray (10 YR 4/1) | | |
| 14 | | | | 0.0 | | | | |
| 15 | | | | 0.0 | | (14.2-18.3') SILT, nonplastic to low plasticity, rapid dilatancy; some clay; wet; soft; dark gray (10 YR 4/1). | (13.0-18.0') 2.0" dia. Stainless Steel 0.010 Slot Well Screen | |
| 16 | | | | 0.0 | | | | |
| 17 | | | | 0.0 | | | | |
| 18 | | 60 | | 0.0 | | | | |
| 19 | | | | 0.0 | | (18.3-18.6') SAND, very fine, subrounded to subangular; some silt; well sorted; wet; loose; dark gray (10 YR 4/1). | | |
| 20 | | | | 0.0 | | (18.6-18.9') CLAY, medium plasticity, no dilatancy; little silt; wet; medium stiff; dark gray (10 YR 4/1). | | |
| | | | | | | (18.9-19.7') SILT, low plasticity, rapid dilatancy; some clay; | | |

Drilling Co.: Fibertec
Driller: Nick Wiseman
Drilling Method: Air Knife / Hollow Stem Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☒ Yes ☐ No
Surface Elev.: 669.2820000
North Coor: 320142.532000000
East Coor: 13386702.6000

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ARCADIS

Boring No.: PZ-15

# Soil Boring Log

Sheet: 2 of 2

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 04/10/2019
Date Completed: 04/10/2019

Logger: S. Johnson
Editor: S. Johnson
Weather Conditions: 42° F, Cloudy

| Depth (feet) | Sample Interval | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|
| | | | | | | moist; soft; dark gray (10 YR 4/1). | | |
| 21 | | | | | | (19.7-20.0') CLAY, medium plasticity, no dilatancy; little silt; moist; medium stiff; dark gray (10 YR 4/1). | | |
| | | | | | | End of boring at 20.0' bgs | | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Remarks:

SOIL BORING LOG_2013 G:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\MASTER_FORD LTP BORING LOGS_112723.GPJ ARCADIS_2013.GDT 9/4/24

ARCADIS Design & Consultancy for natural and built assets

# Soil Boring Log

Boring No.: TW-16-01

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001319.0001
Project Location: Livonia, Michigan

Date Started: 06/06/2016
Date Completed: 06/06/2016

Logger: T. Stevens
Editor: T. Stevens
Weather Conditions: Sunny, 80F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.2') ASPHALT. | 2" PVC Riser (0.0-12.0' bgs) | |
| 2 | | | | | 0.0 | | (0.2-3.7') SAND, medium to coarse, subrounded; and PEBBLES, granule to medium pebble, subrounded; trace silt; poorly sorted; wet; very dark gray (10YR 3/1). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | (3.7-8.5') SAND, fine to coarse, subrounded; trace granules; poorly sorted; wet; black (10YR 2/1). | Bentonite backfill (1.0-7.0' bgs) | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 144 | | | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | 0.0 | | (8.5-12.0') SAND, medium to coarse, subangular to subrounded; and PEBBLES, granule to small pebble; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 10 | | | | | | | | | |
| 11 | | | | | 0.0 | | | K&E #1 Filter Sand (7.0-17.0' bgs') | |
| 12 | | | | | | | | | |
| 13 | | | | | 0.0 | | (12.0-15.0') SAND, very fine to fine, rounded; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 14 | | | | | | | | 2" 10-slot PVC Screen (12.0-17.0' bgs) | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | (15.0-17.0') SAND and SILT, very fine, rounded; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 17 | | | | | | | End of Boring at 17.0' bgs | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

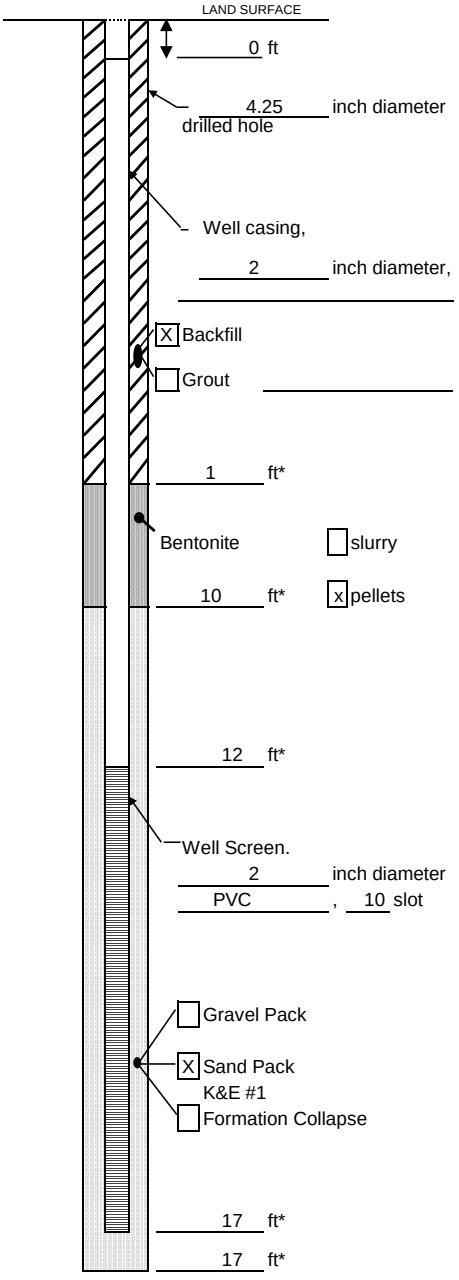
Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks: Hand Auger to 5.0' bgs.
Lithology logged from auger flights and correlated with PW-16-01 for accuracy.

Sampling Method: Split spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.0
Water Level Finish (ft. btoc.):
Converted to Well: ☒ Yes ☐ No
Surface Elev.:
North Coor:
East Coor:

SOIL BORING LOG_2013 N:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\FORD LTP BORING LOGS.GPJ ARCADIS.GDT 6/9/16

# Well Construction Log

(Unconsolidated)




Project Ford LTP Well TW-16-01

Town/City Livonia

County Wayne State MI

Permit No NA

Land-Surface Elevation and Datum:

_____ feet ☐ Surveyed ☐ Estimated

Installation Date(s) 6/6/2016

Drilling Method Hollow Stem Auger

Drilling Contractor Stearn Drilling

Drilling Fluid None

Development Technique(s) and Date(s)

Surge block and submersible pump on 6/7/16

Fluid Loss During Drilling none gallons

Water Removed During Development 45 gallons

Static Depth to Water 8.78 feet below M.P.

Pumping Depth to Water NM feet below M.P.

Pumping Duration 0.3 hours

Yield 3 gpm Date 6/6/2016

Specific Capacity NA gpm/ft

Well Purpose Monitoring Well

Remarks

* Depth Below Land Surface

Prepared by Troy Stevens

ARCADIS Design & Consultancy for natural and built assets

# Soil Boring Log

Boring No.: TW-16-02

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001319.0001
Project Location: Livonia, Michigan

Date Started: 06/07/2016
Date Completed: 06/07/2016

Logger: T. Stevens
Editor: T. Stevens
Weather Conditions: Cloudy, 60F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-0.2') ASPHALT. | 2" PVC Riser (0.0-12.0' bgs) | |
| 2 | | | | | 0.0 | | (0.2-3.7') SAND, medium to coarse, subrounded; and PEBBLES, granule to medium pebble, subrounded; trace silt; poorly sorted; wet; very dark gray (10YR 3/1). | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | (3.7-8.5') SAND, fine to coarse, subrounded; trace granules; poorly sorted; wet; black (10YR 2/1). | Bentonite backfill (1.0-7.0' bgs) | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 144 | | | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | 0.0 | | (8.5-12.0') SAND, medium to coarse, subangular to subrounded; and PEBBLES, granule to small pebble; poorly sorted; wet; dark grayish brown (10YR 4/2). | | |
| 10 | | | | | | | | | |
| 11 | | | | | 0.0 | | | K&E #1 Filter Sand (7.0-17.0' bgs') | |
| 12 | | | | | | | | | |
| 13 | | | | | 0.0 | | (12.0-15.0') SAND, very fine to fine, rounded; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 14 | | | | | | | | 2" 10-slot PVC Screen (12.0-17.0' bgs) | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | (15.0-17.0') SAND and SILT, very fine, rounded; well sorted; wet; yellowish brown (10YR 5/4). | | |
| 17 | | | | | | | End of Boring at 17.0' bgs | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

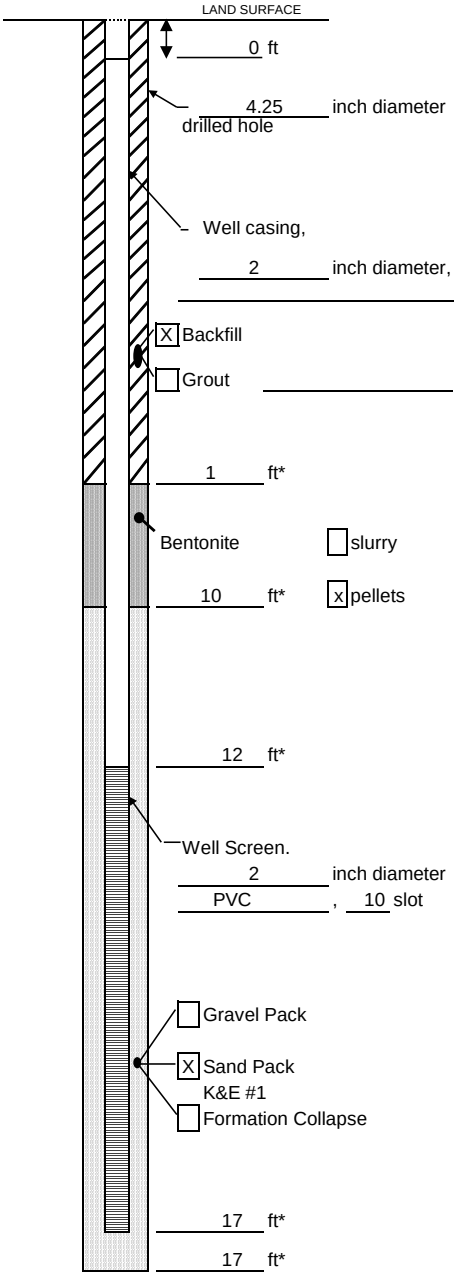
Drilling Co.: Stearns Drilling Company
Driller: Mike Hefferan
Drilling Method: Hollow Stem Auger
Drilling Fluid: None
Remarks:

Sampling Method: Split spoon
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.5
Water Level Finish (ft. btoc.):
Converted to Well: ☒ Yes ☐ No
Surface Elev.:
North Coor:
East Coor:

SOIL BORING LOG_2013 N:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\FORD LTP BORING LOGS.GPJ ARCADIS.GDT 6/9/16

# Well Construction Log

(Unconsolidated)




Project Ford LTP Well TW-16-02

Town/City Livonia

County Wayne State MI

Permit No NA

Land-Surface Elevation and Datum:

_____ feet ☐ Surveyed ☐ Estimated

Installation Date(s) 6/6/2016

Drilling Method Hollow Stem Auger

Drilling Contractor Stearn Drilling

Drilling Fluid None

Development Technique(s) and Date(s)

Surge block and submersible pump on 6/7/16

Fluid Loss During Drilling none gallons

Water Removed During Development 45 gallons

Static Depth to Water 8.21 feet below M.P.

Pumping Depth to Water NM feet below M.P.

Pumping Duration 0.3 hours

Yield 3 gpm Date 6/8/2016

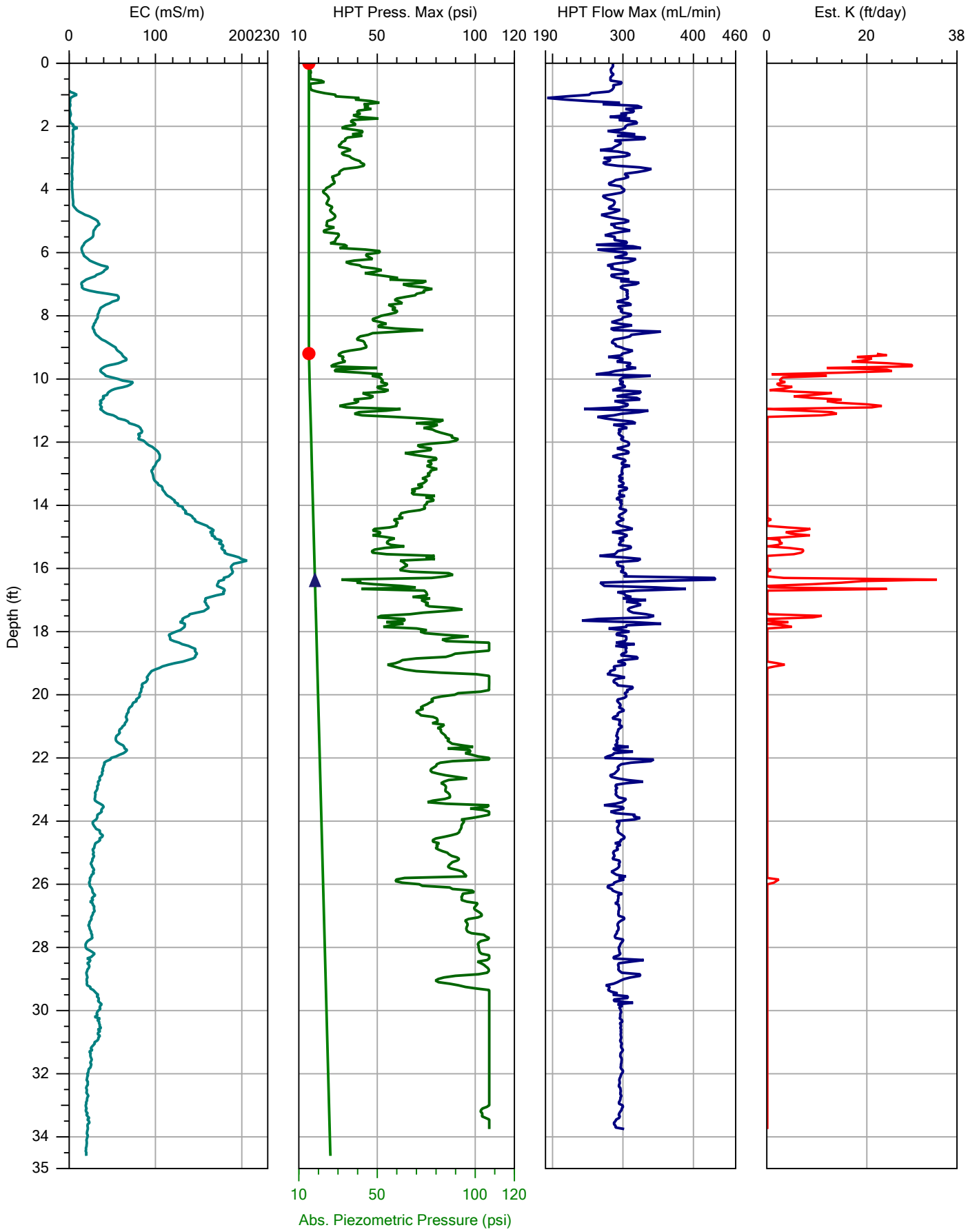
Specific Capacity NA gpm/ft

Well Purpose Monitoring Well

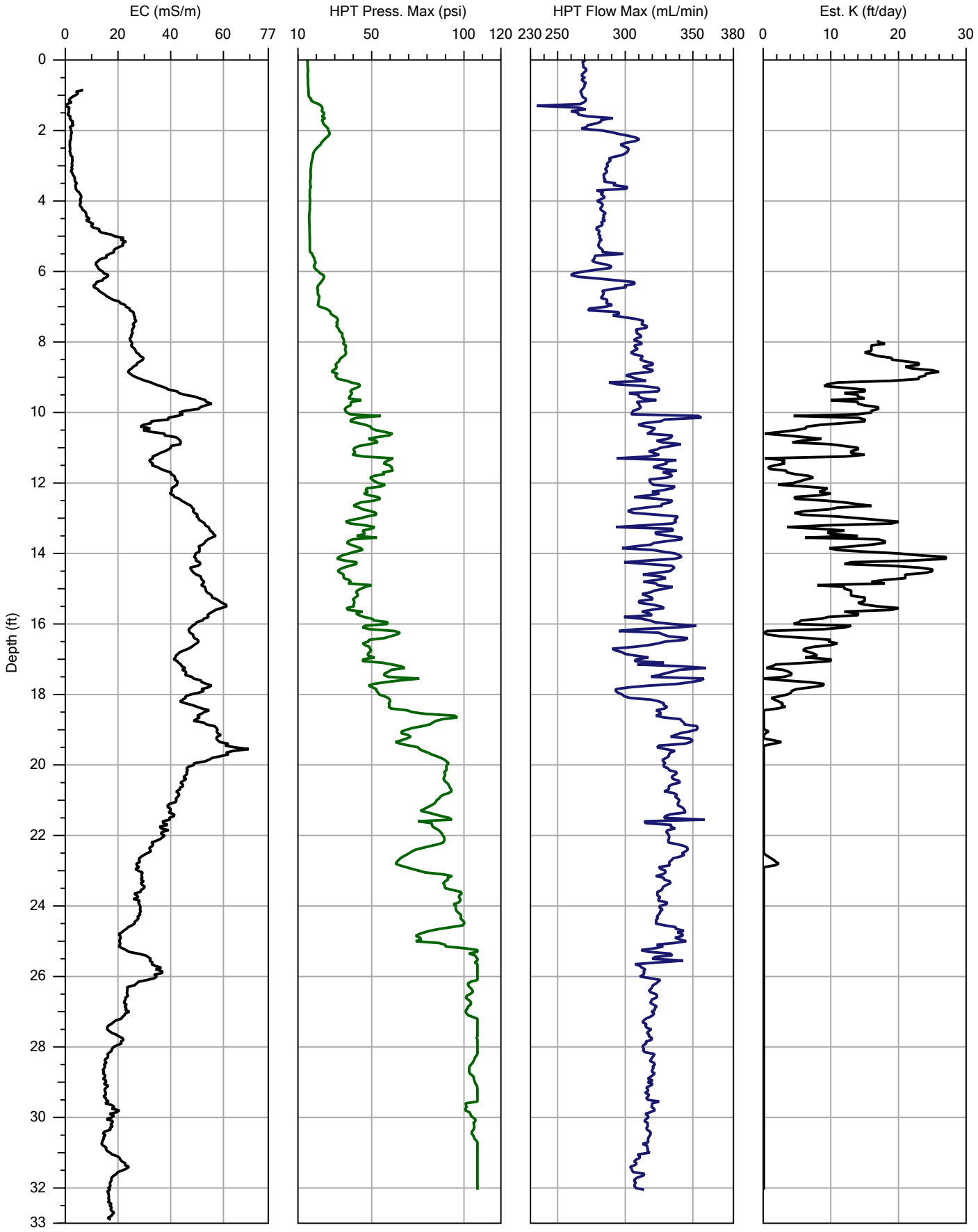
Remarks

* Depth Below Land Surface

Prepared by Troy Stevens

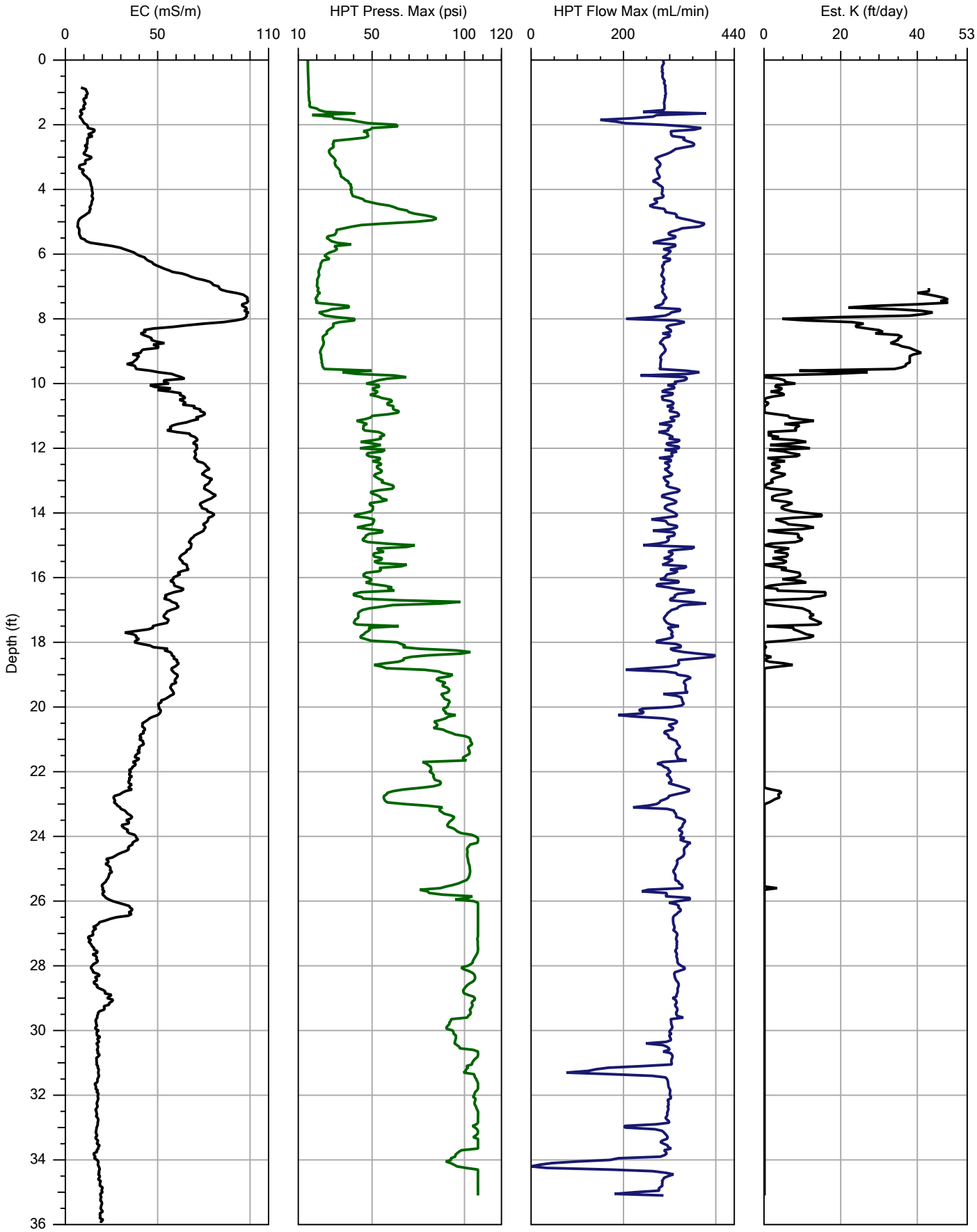



| | | |
|---|---|---|
| | | File: HPT-28.HPT |
| Company: Matrix Environmental | Operator: A. Kirsch | Date: 11/14/2015 |
| Project ID: Livonia Ford Transmission | Client: Arcadis | Location: |



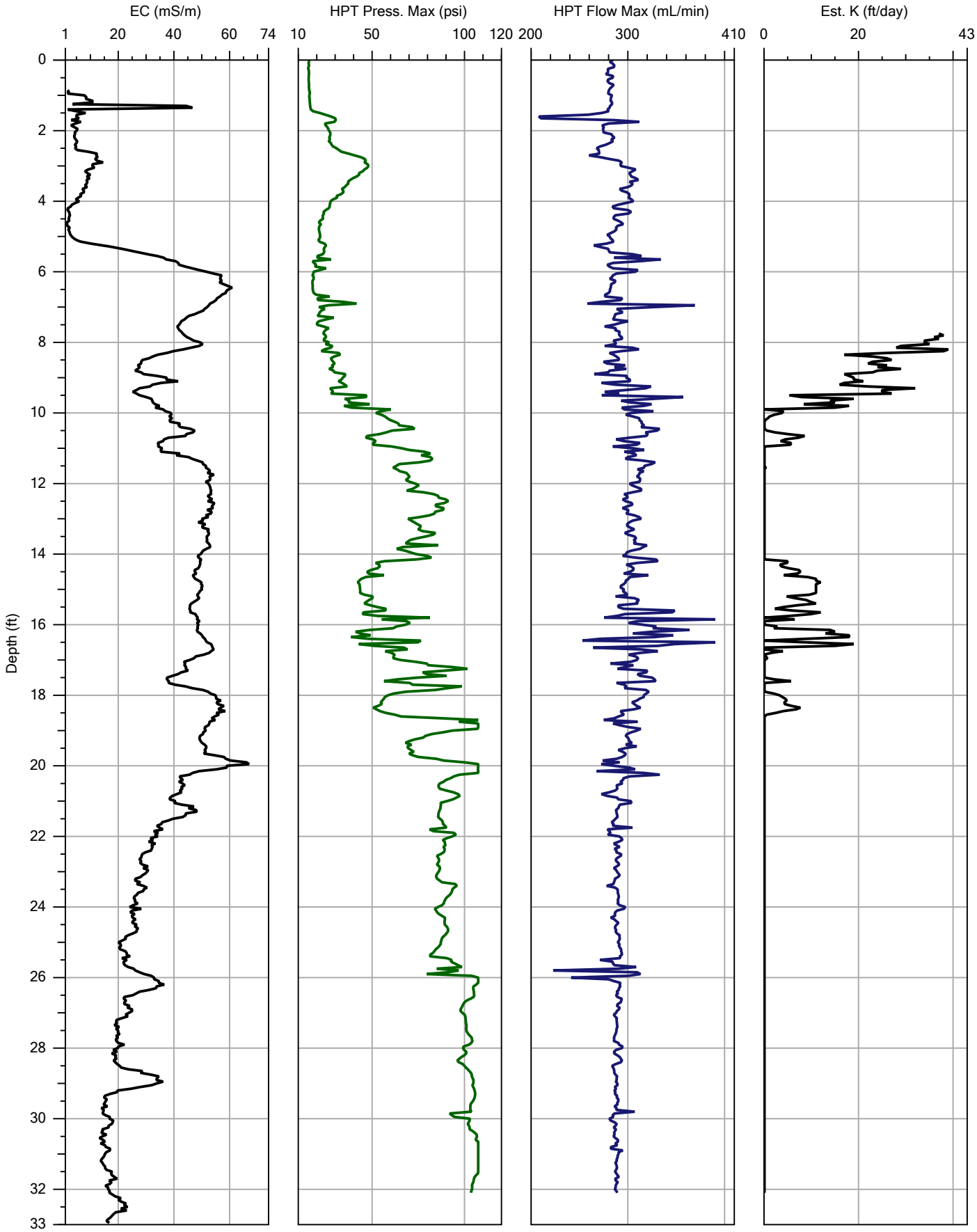

Direct Image® By Geoprobe Systems®

| | | |
|---|---|---|
| | | File: HPT-29.HPT |
| Company: Matrix Environmental | Operator: A. Kirsch | Date: 11/13/2015 |
| Project ID: Livonia Ford Transmission | Client: Arcadis | Location: |



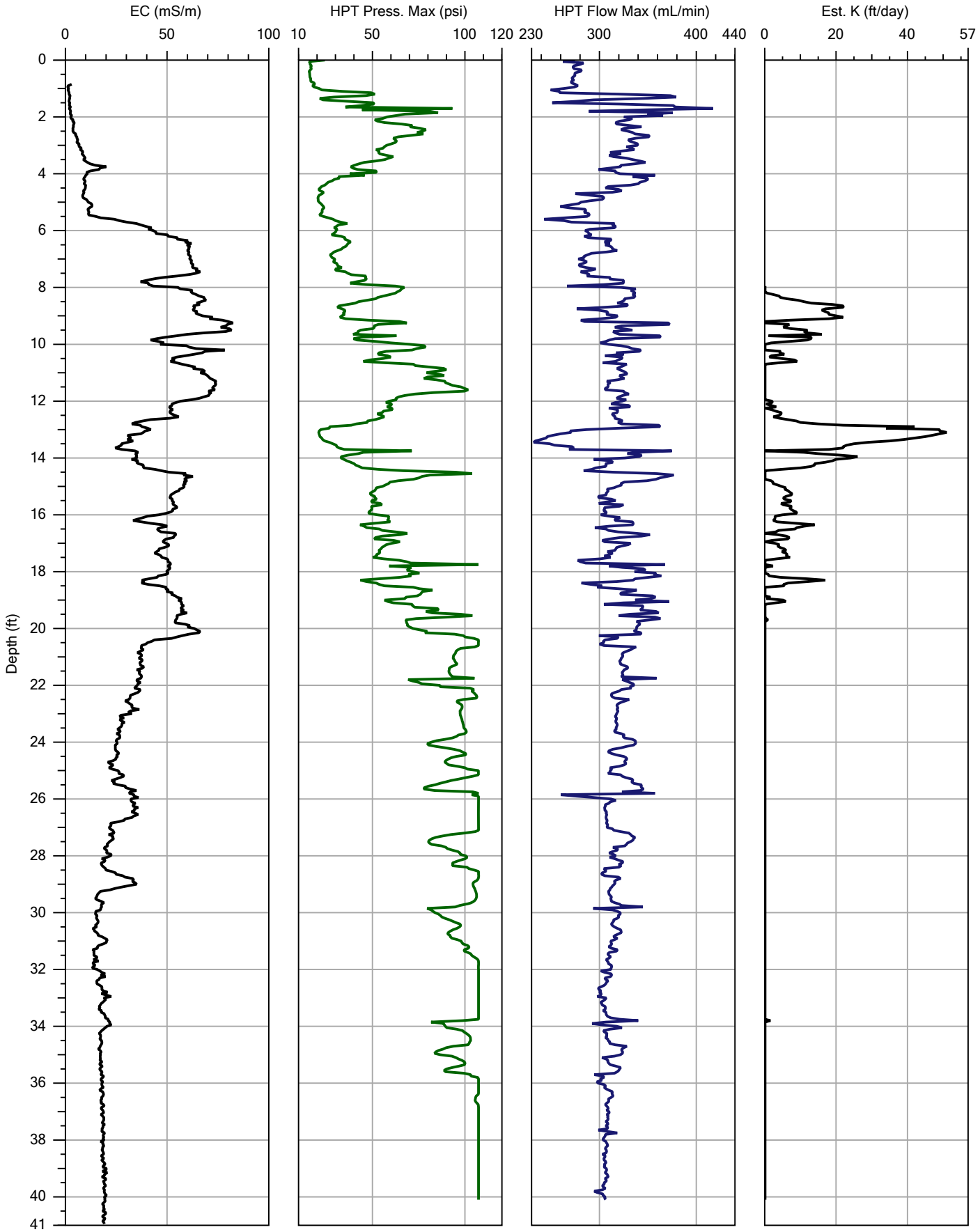

Direct Image® By Geoprobe Systems®

| | | | |
|---|---|---|---|
| Company: Matrix Environmental | Operator: A. Kirsch | File: HPT-30.HPT | |
| Project ID: Livonia Ford Transmission | Client: Arcadis | Date: 11/13/2015 | |
| | | Location: | |



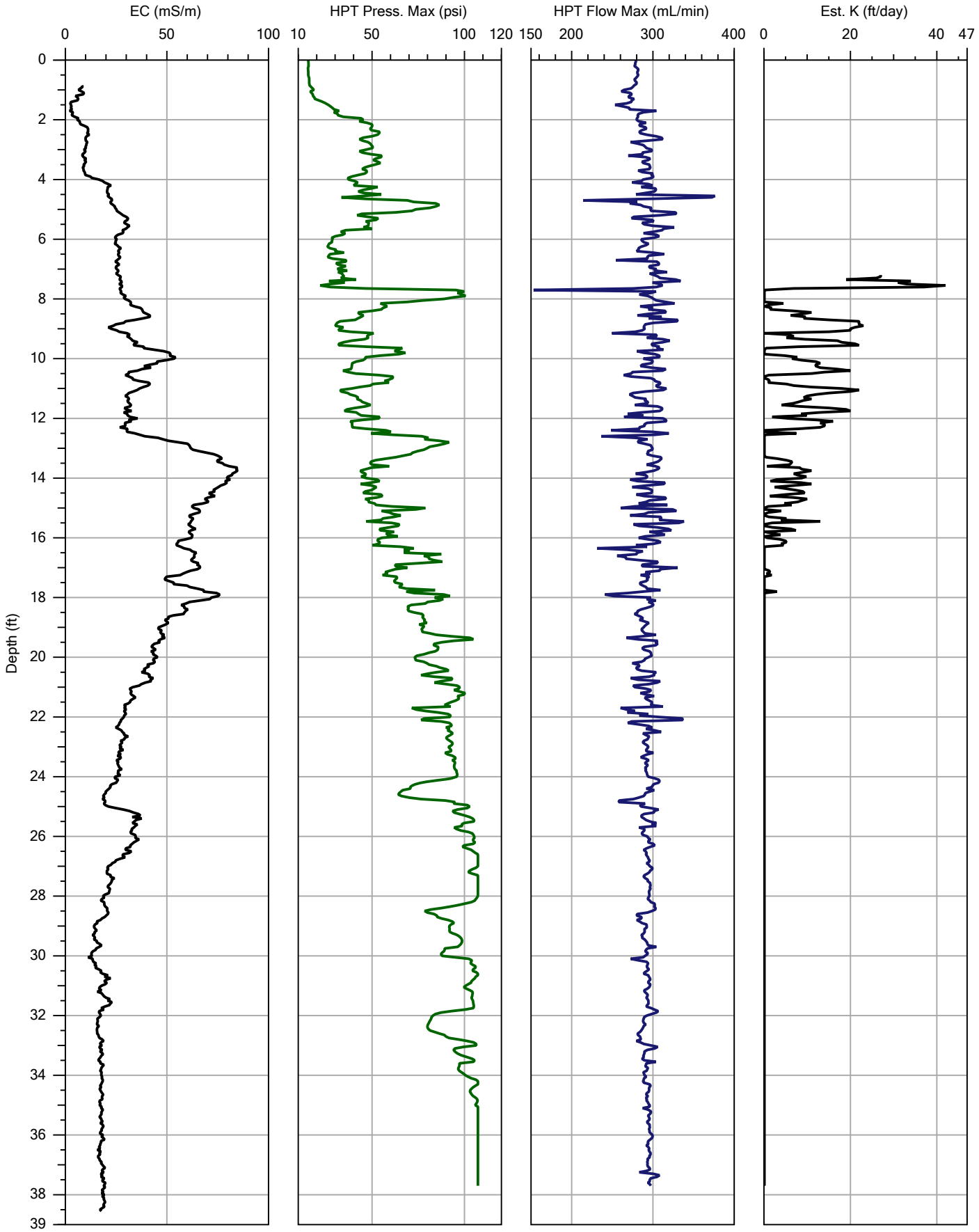

Direct Image® By Geoprobe Systems®

| | | |
|---|---|---|
| | | File: HPT-56.HPT |
| Company: Matrix Environmental | Operator: A. Kirsch | Date: 11/14/2015 |
| Project ID: Livonia Ford Transmission | Client: Arcadis | Location: |



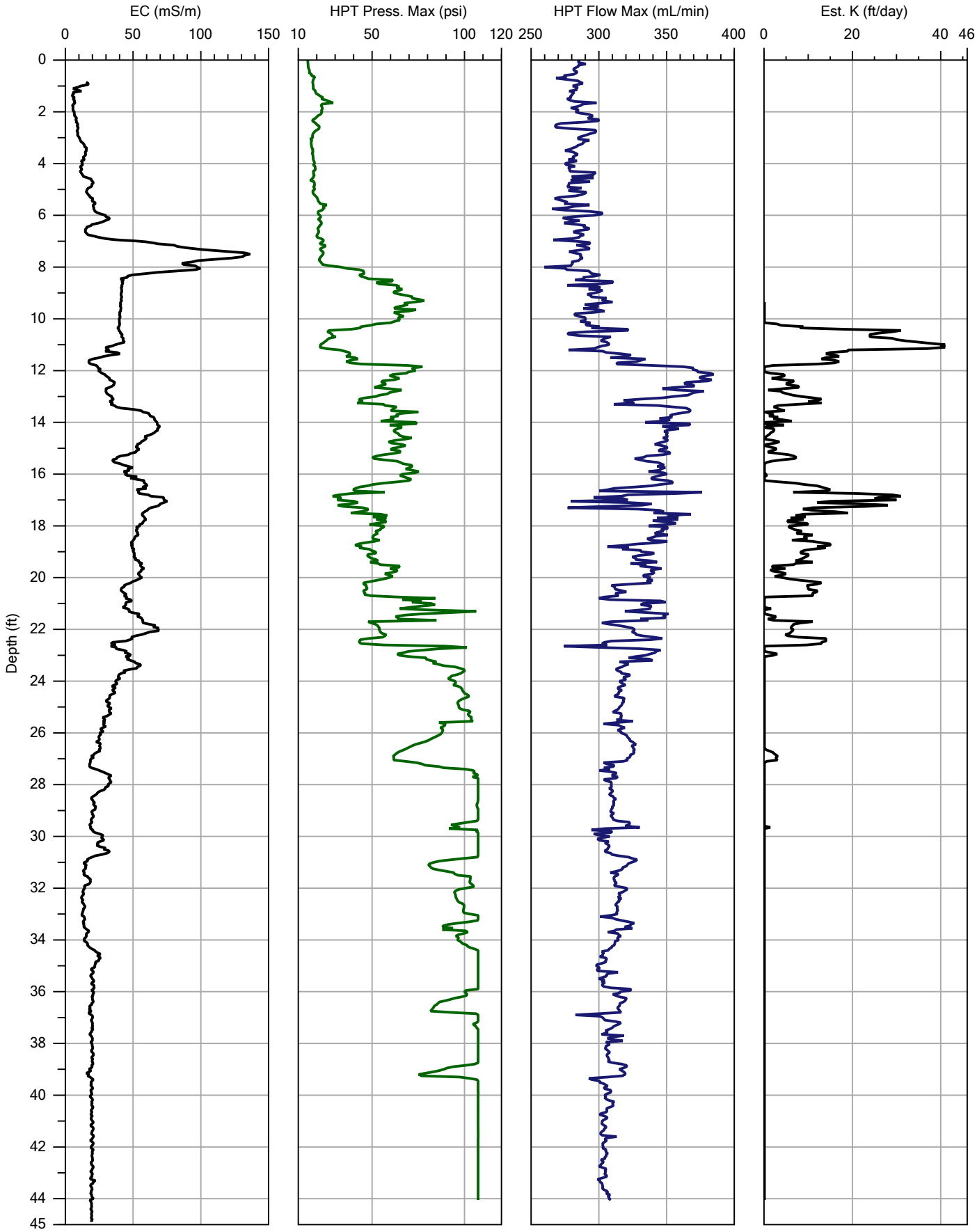

Direct Image® By Geoprobe Systems®

| | | |
|---|---|---|
| | | File: HPT-57.HPT |
| Company: Matrix Environmental | Operator: A. Kirsch | Date: 11/14/2015 |
| Project ID: Livonia Ford Transmission | Client: Arcadis | Location: |



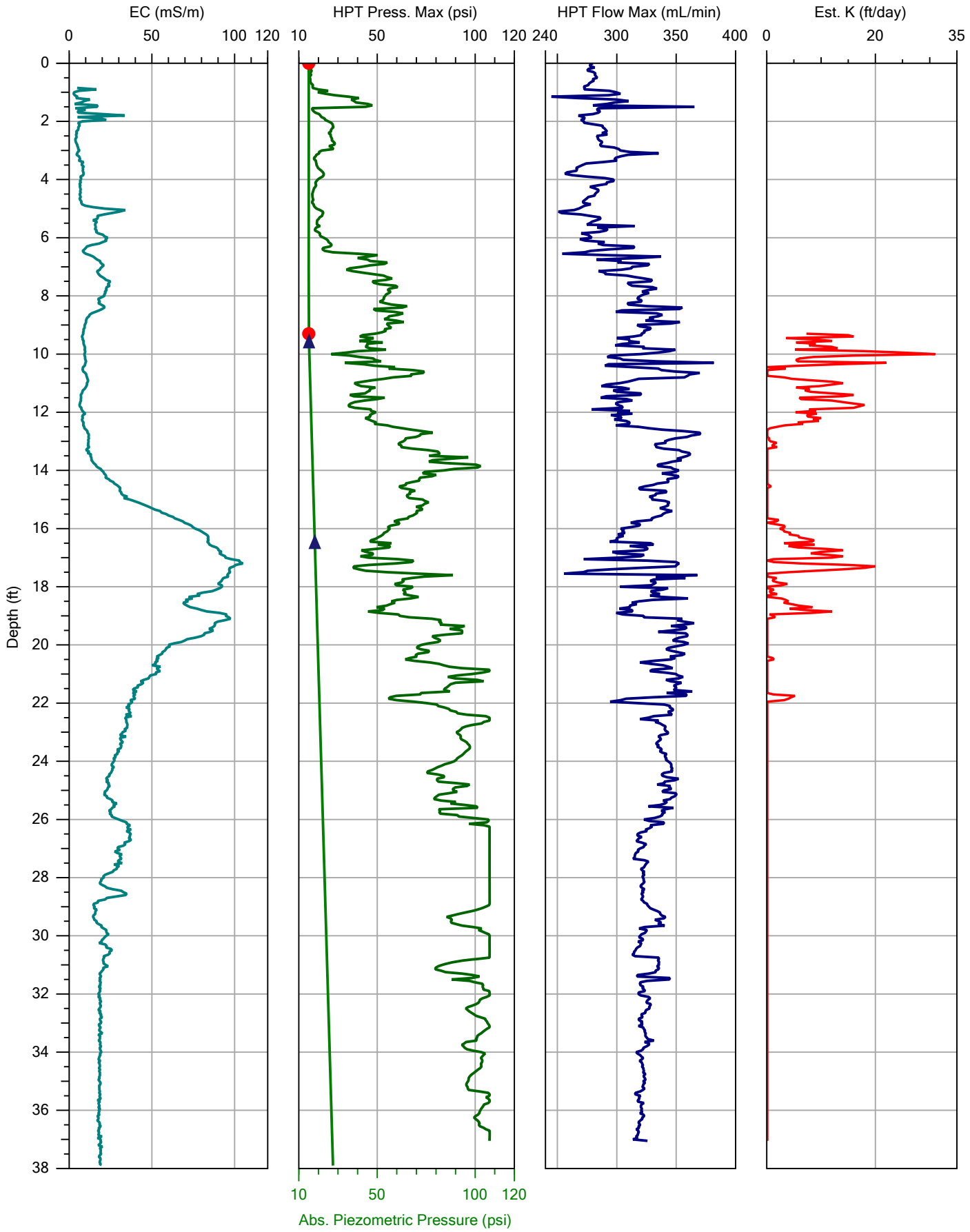

Direct Image® By Geoprobe Systems®

| | | |
|---|---|---|
| | | File: HPT-58.HPT |
| Company: Matrix Environmental | Operator: A. Kirsch | Date: 11/13/2015 |
| Project ID: Livonia Ford Transmission | Client: Arcadis | Location: |

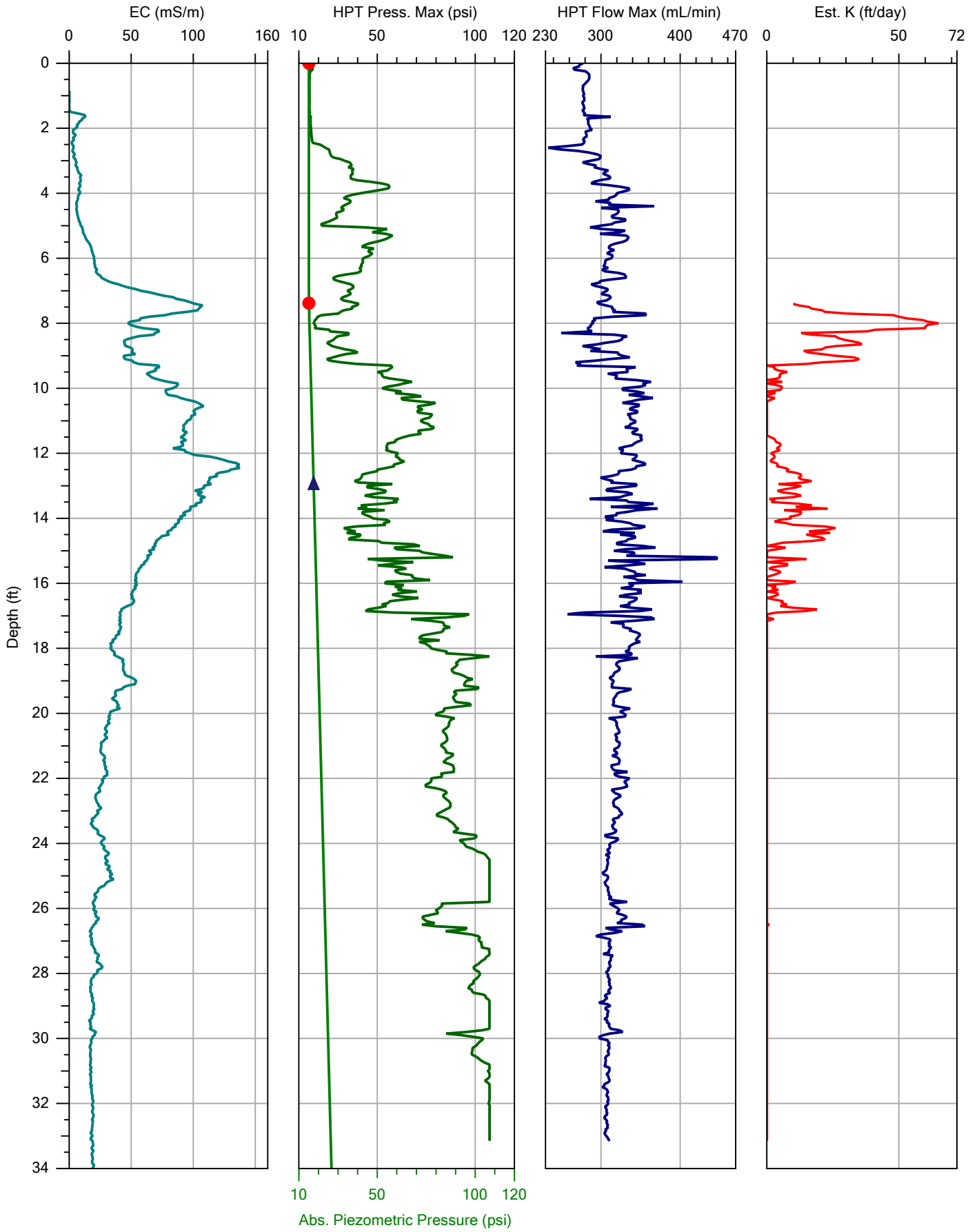



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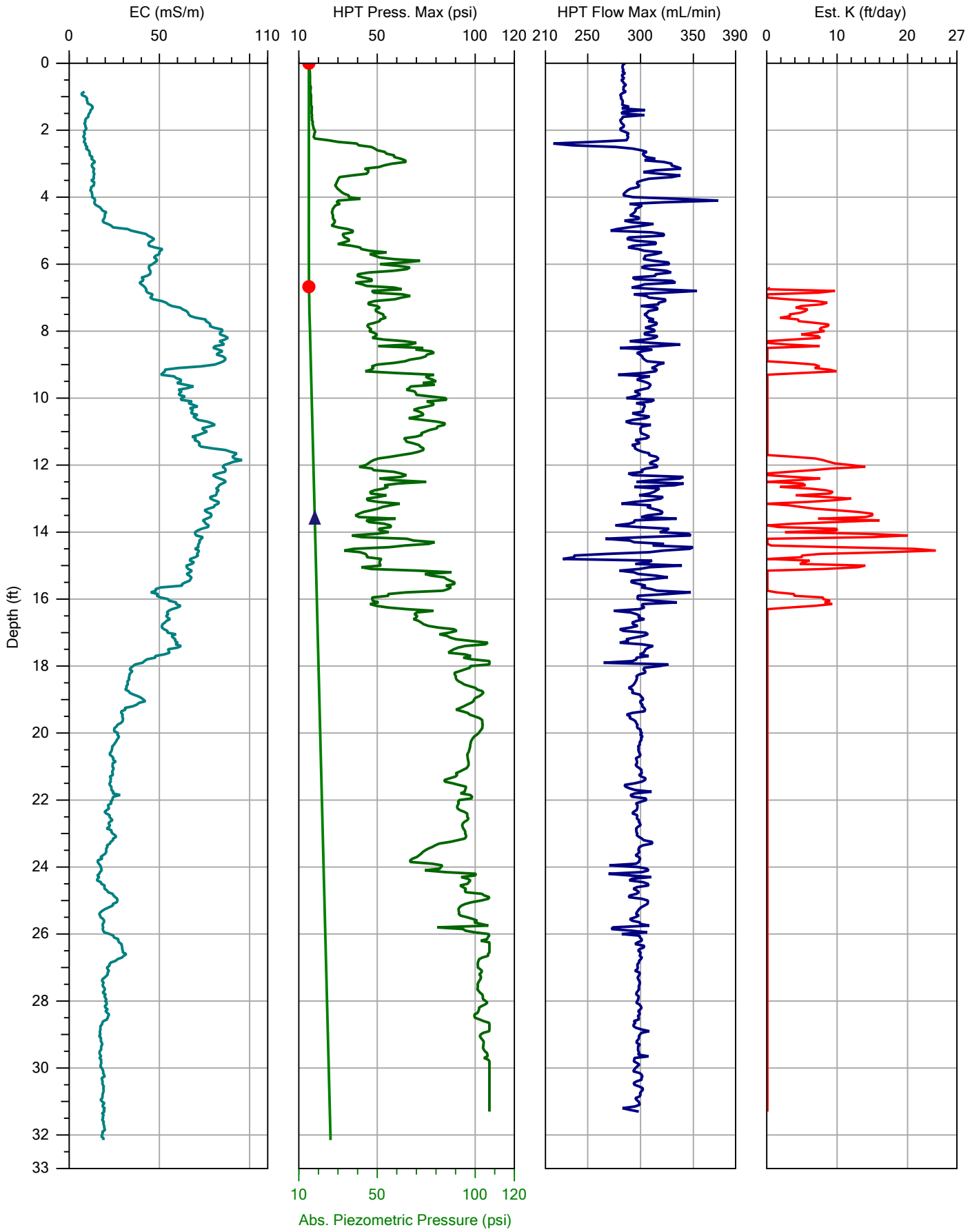
| | | |
|---|---|---|
| | | File: HPT-59.HPT |
| Company: Matrix Environmental | Operator: A. Kirsch | Date: 11/13/2015 |
| Project ID: Livonia Ford Transmission | Client: Arcadis | Location: |



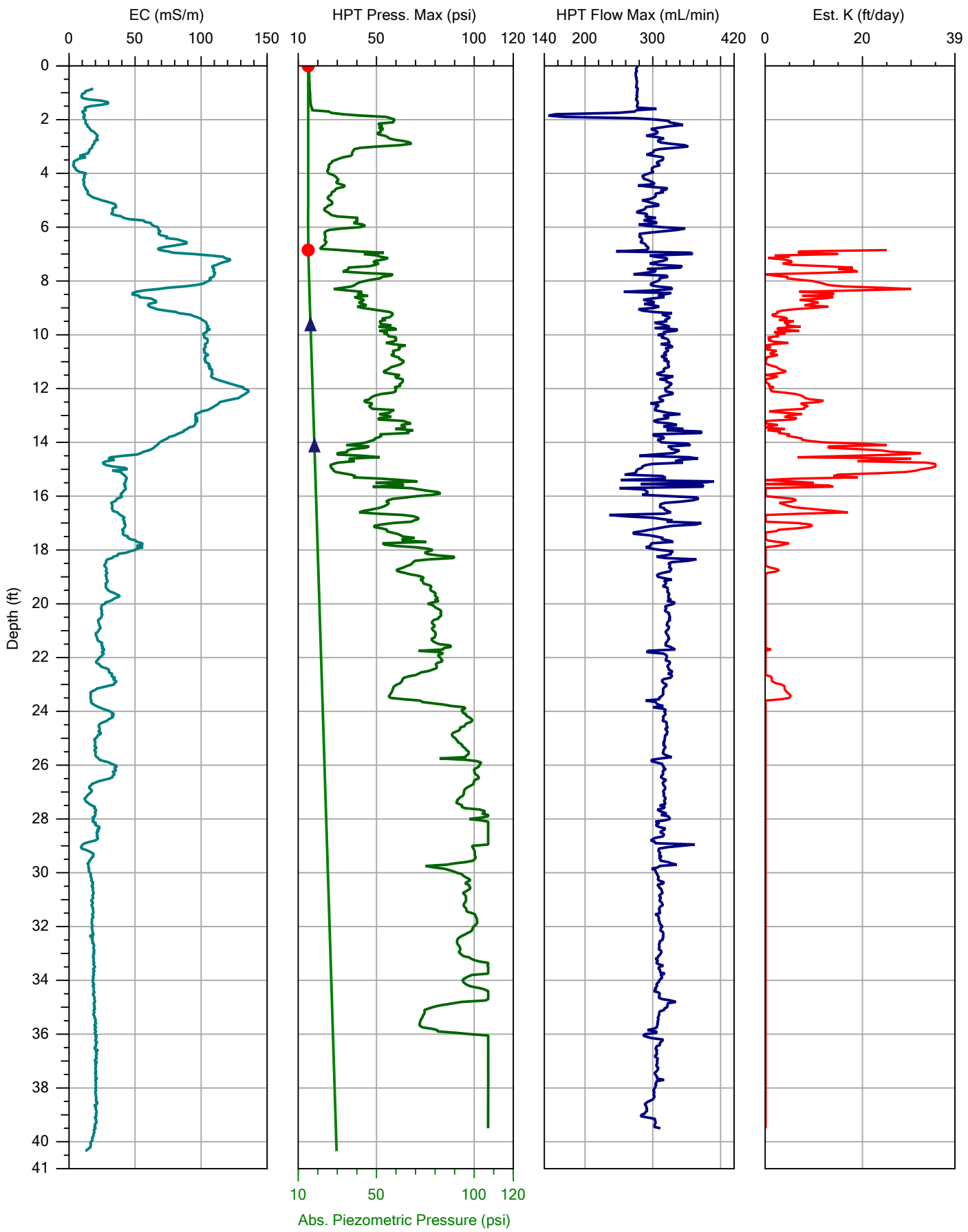

| | | | |
|---|---|---|---|
| | | | File: HPT-60.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 11/15/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



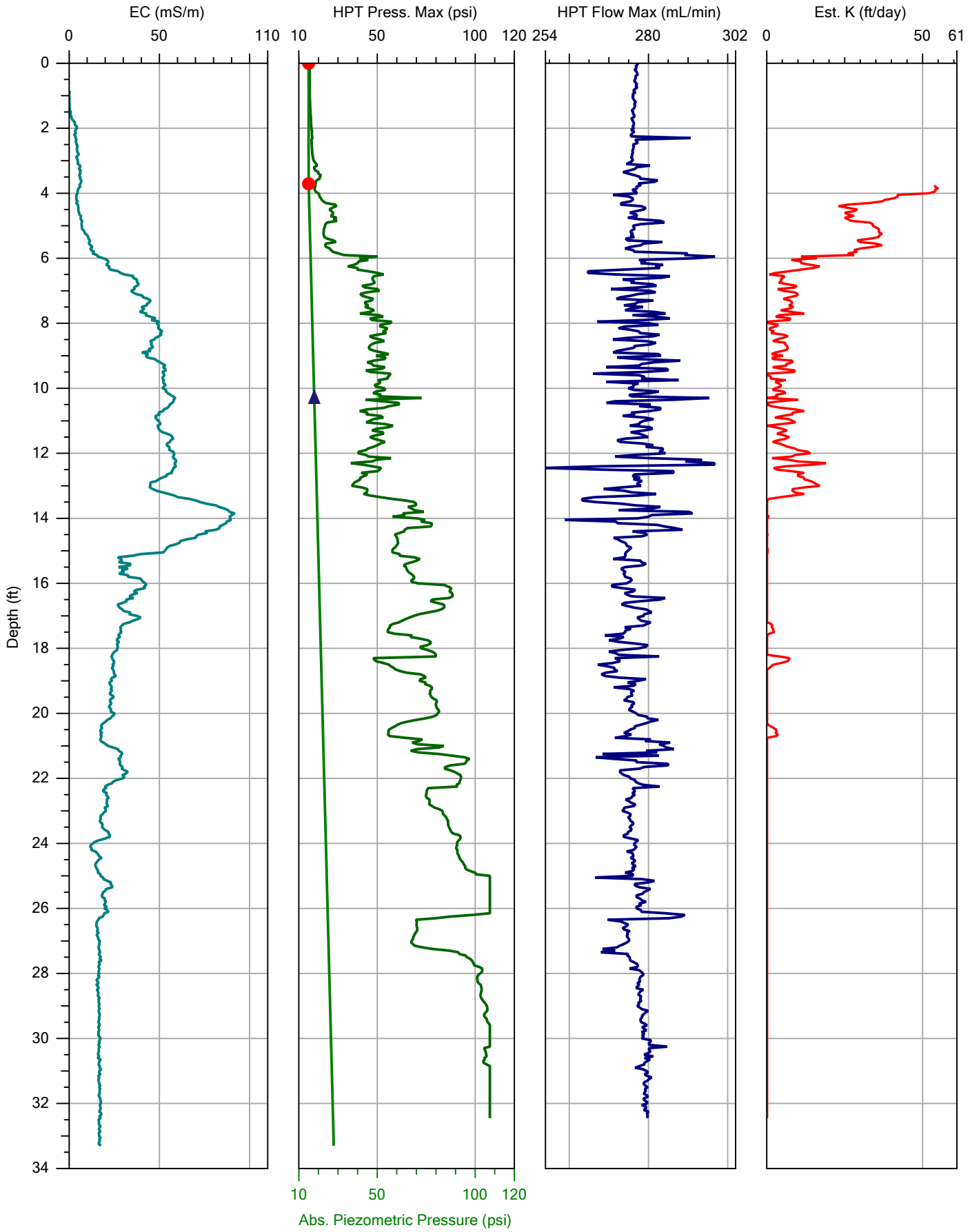

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| | | | File: HPT-61.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 11/14/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



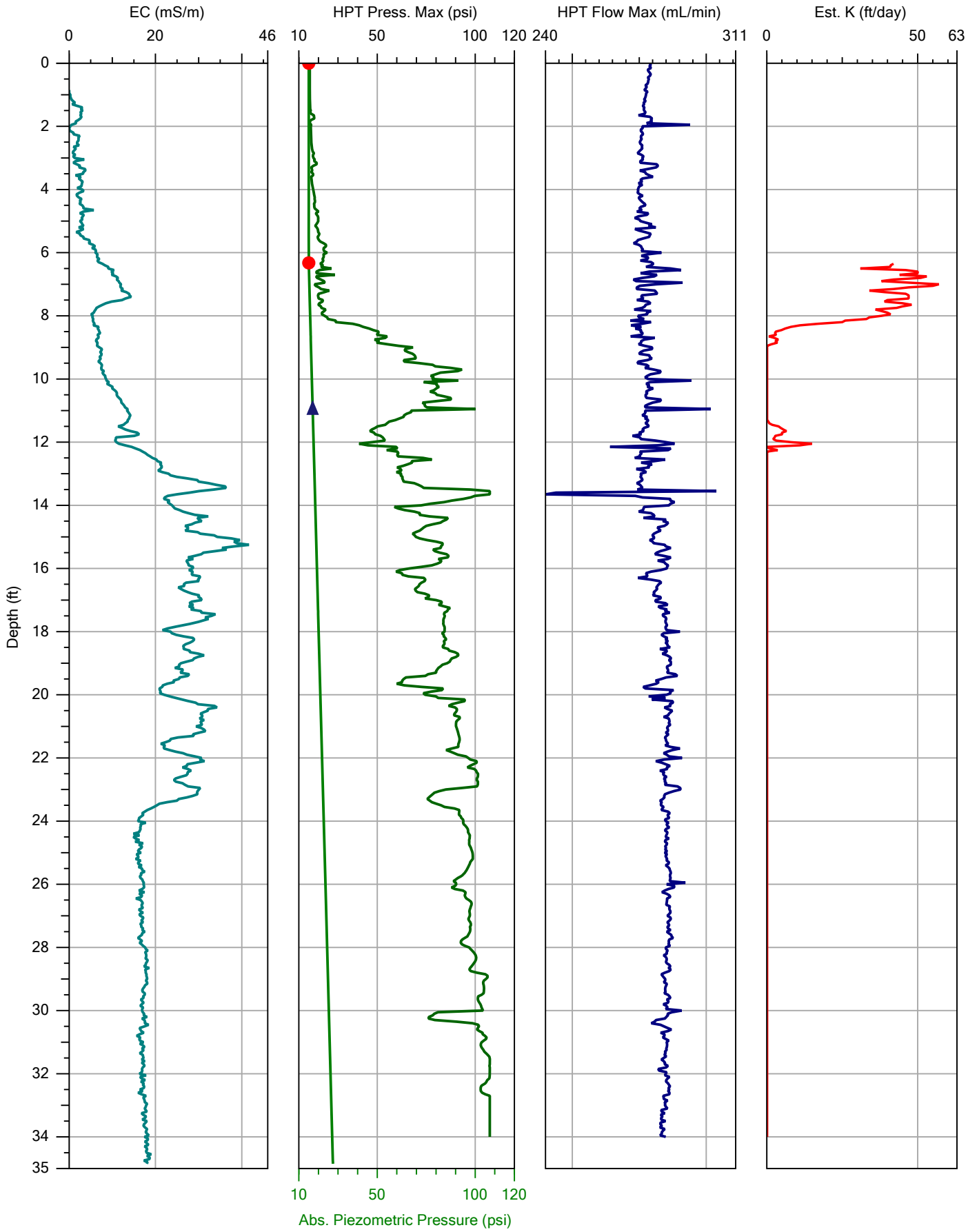

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| | | | File: HPT-62.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 11/14/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



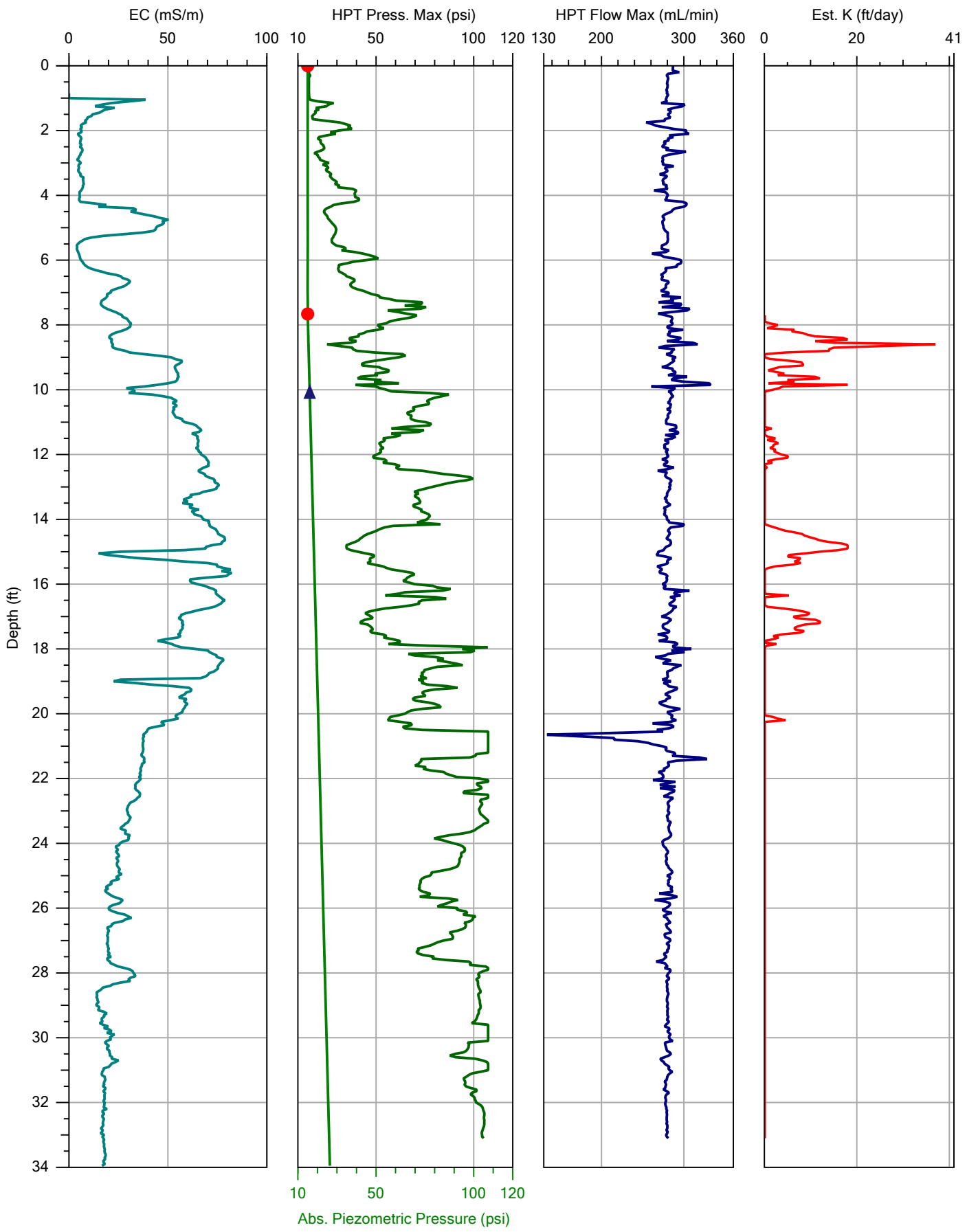

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| | | | File: HPT-63.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 11/14/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



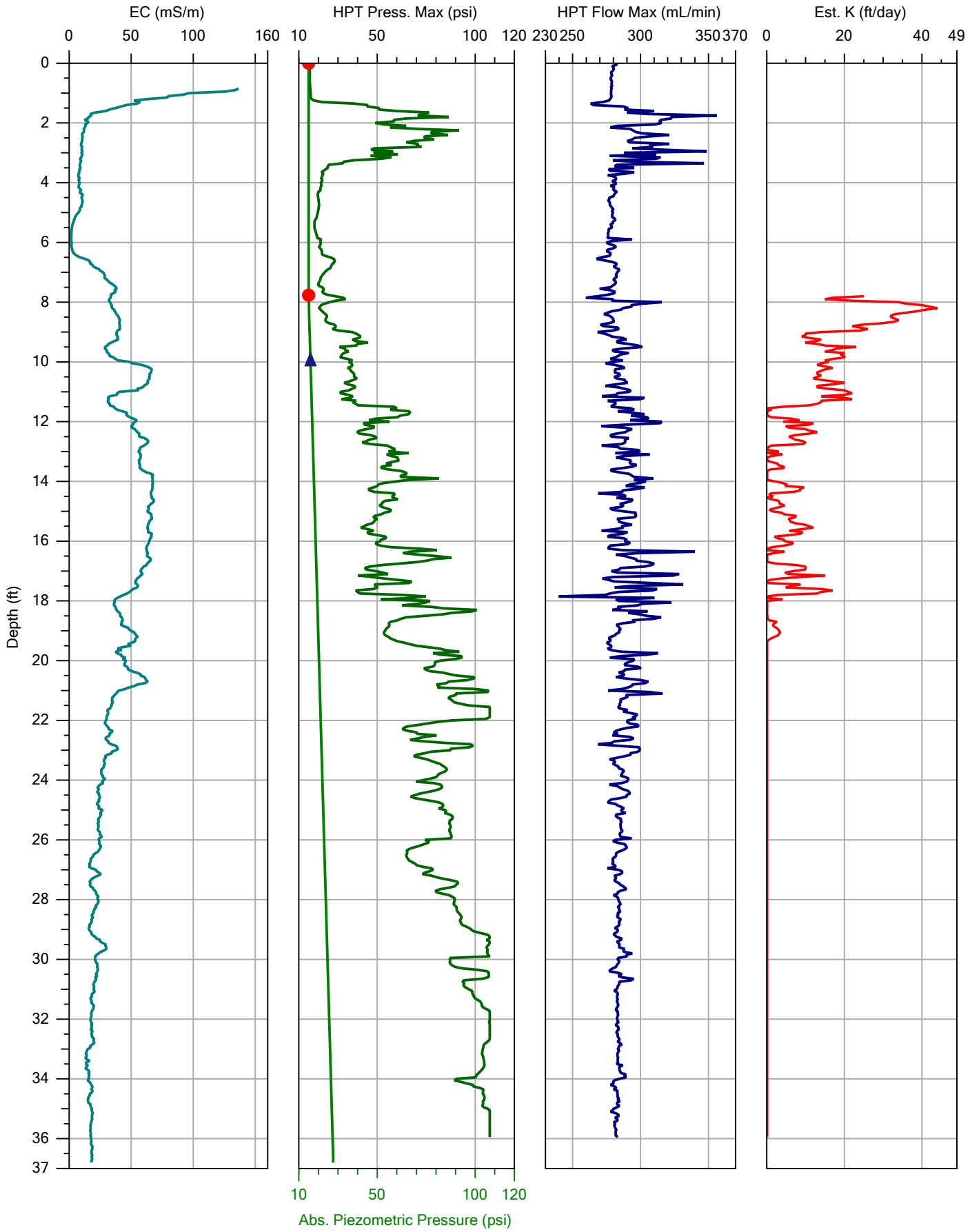

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| Company: Matrix Environmental | Operator: A. Kirsch | Date: 2/17/2016 |
| Project ID: Ford Transmission | Client: Arcadis | Location: |



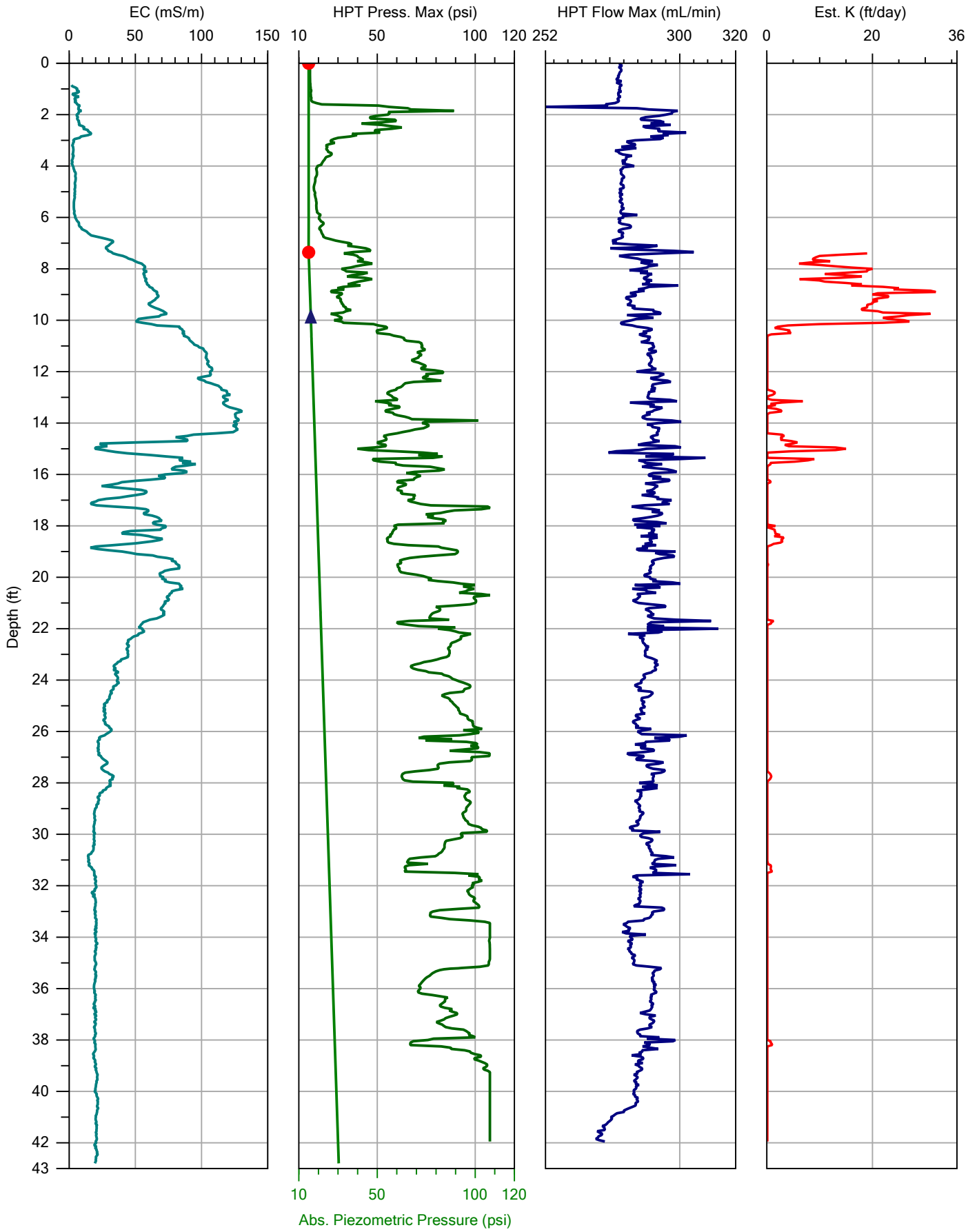

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| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 2/17/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



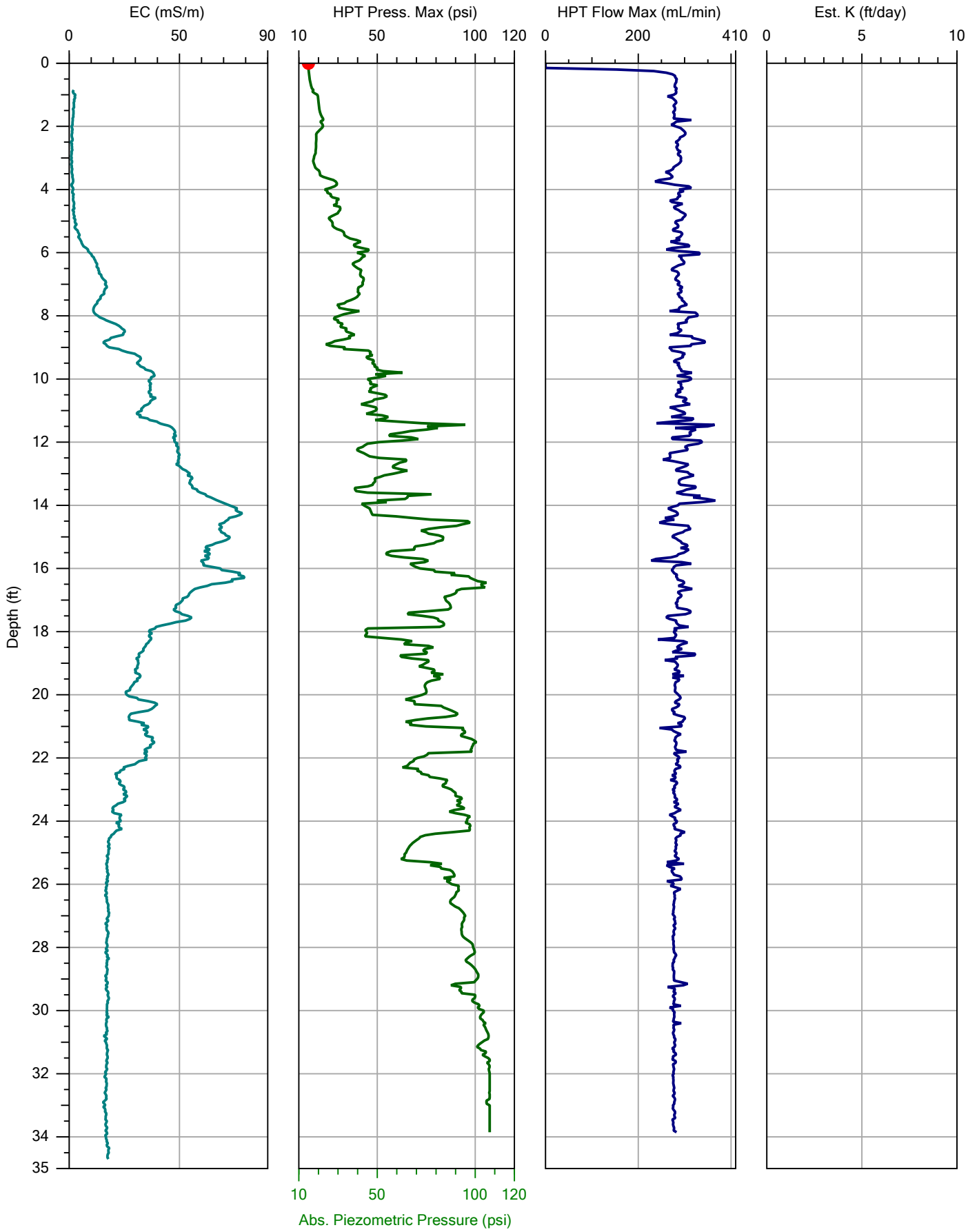

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| Company: Matrix Environmental | Operator: A. Kirsch | Date: 2/12/2016 |
| Project ID: Ford Transmission | Client: Arcadis | Location: |



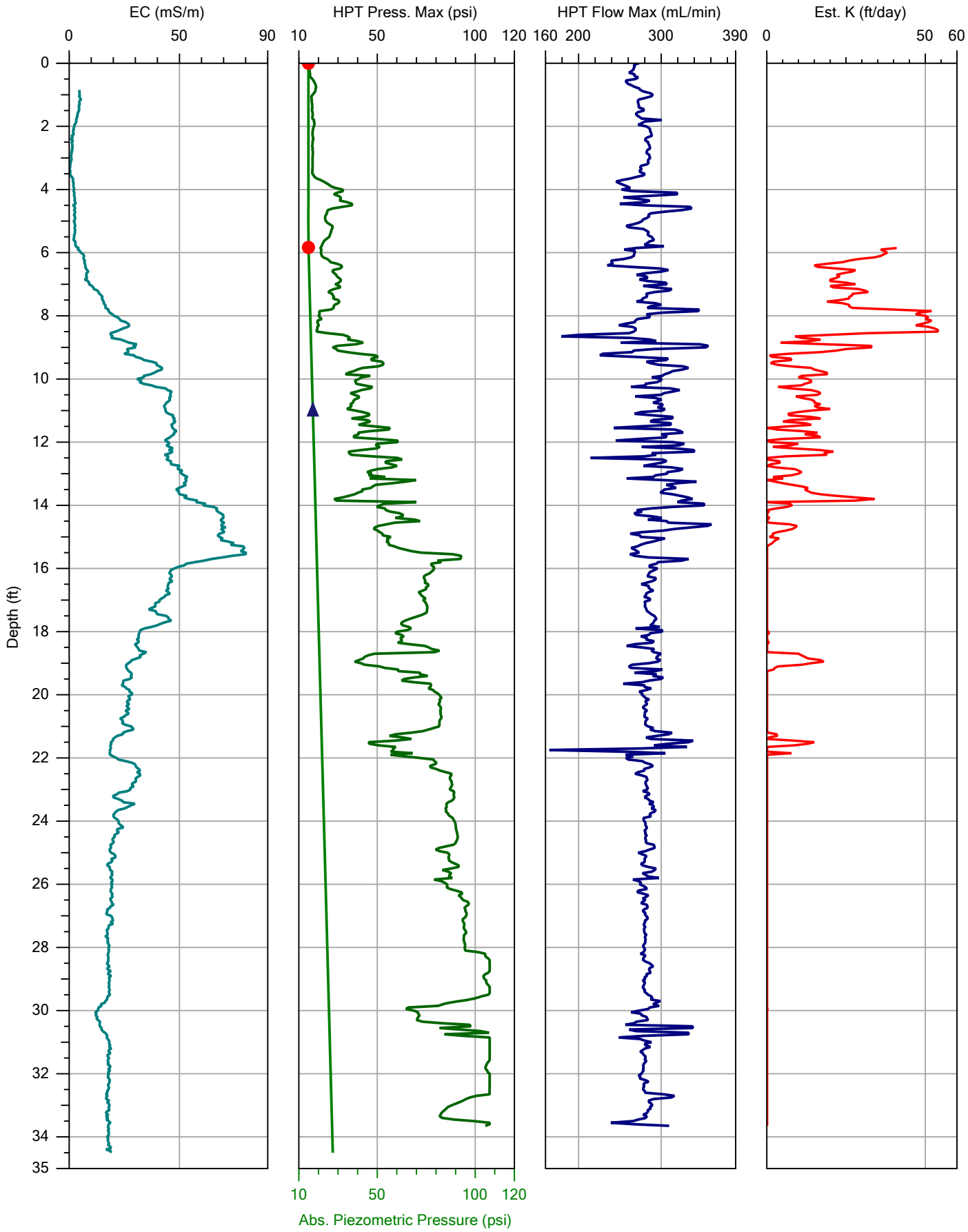

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| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 2/12/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



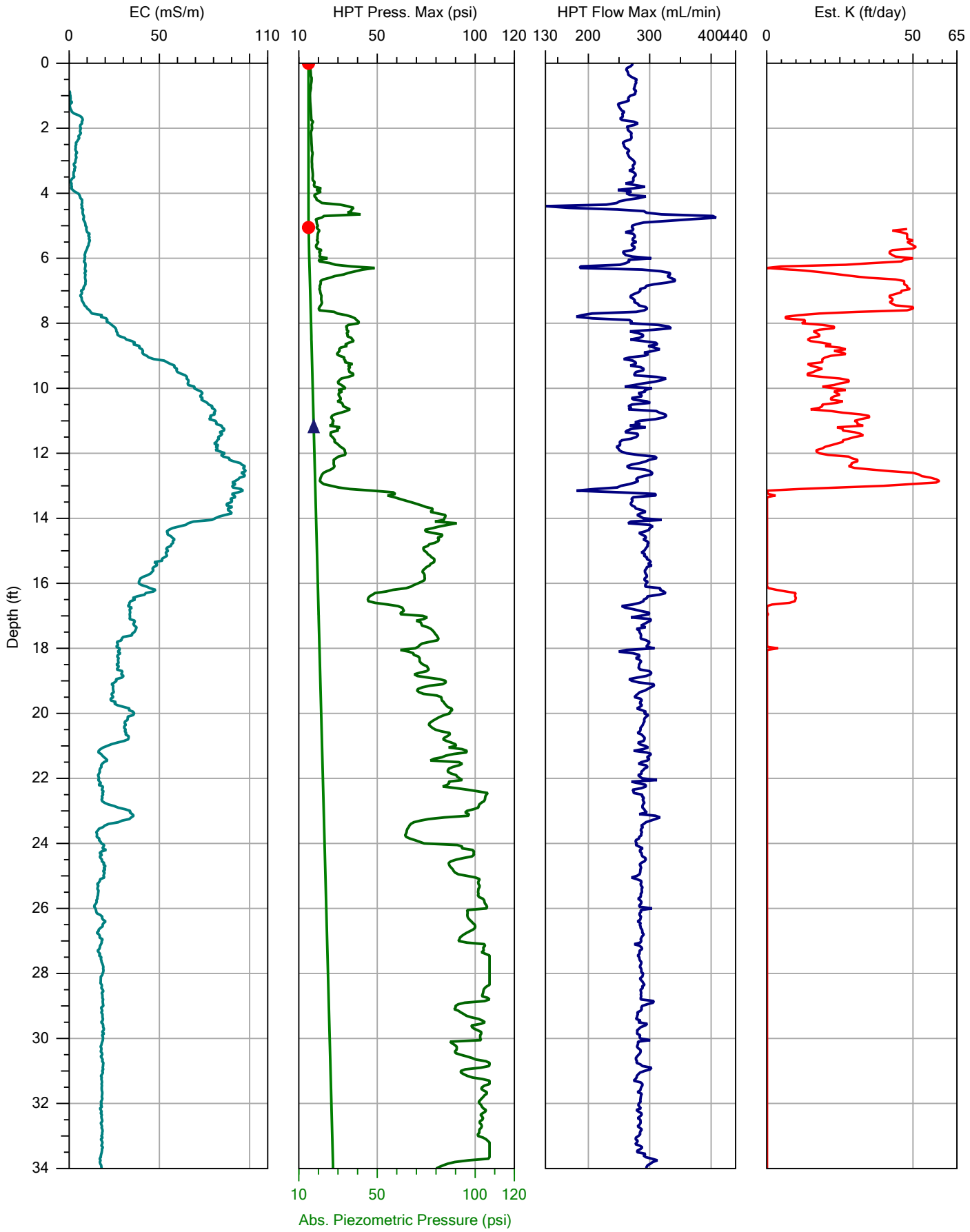

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| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 2/12/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



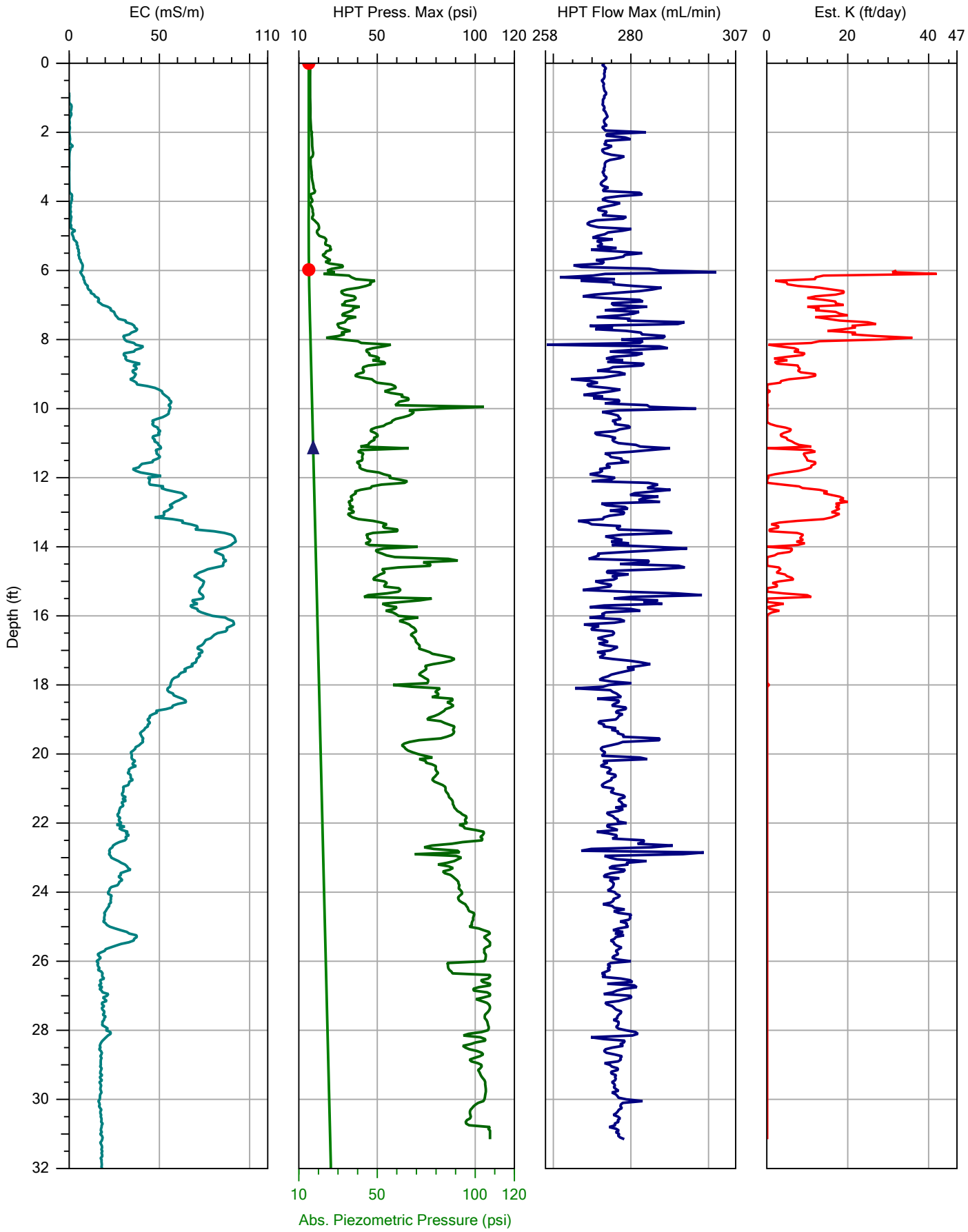

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| Company: Matrix Environmental | | Operator: AK | Date: 2/9/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



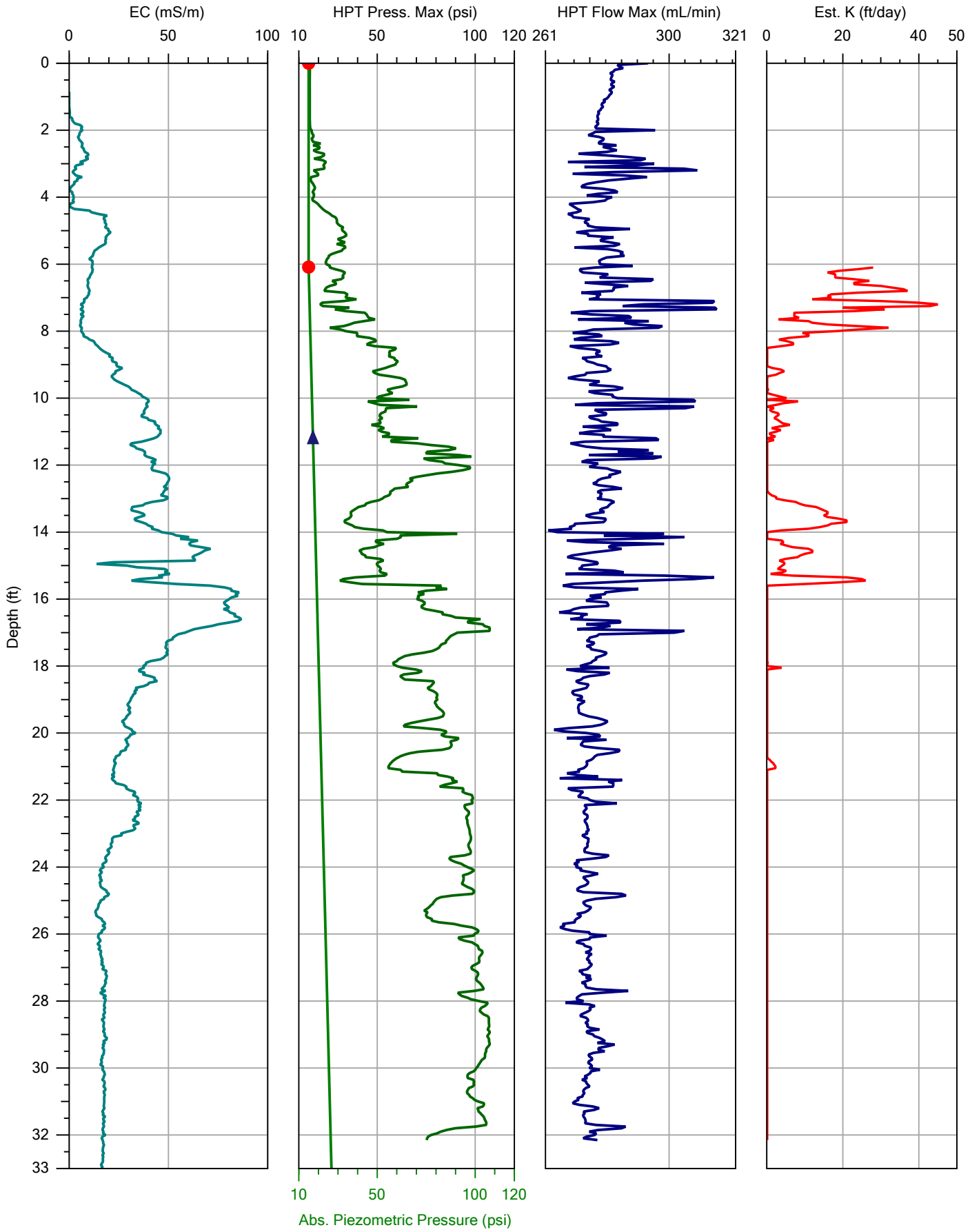

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| Company: Matrix Environmental | | Operator: AK | Date: 2/9/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



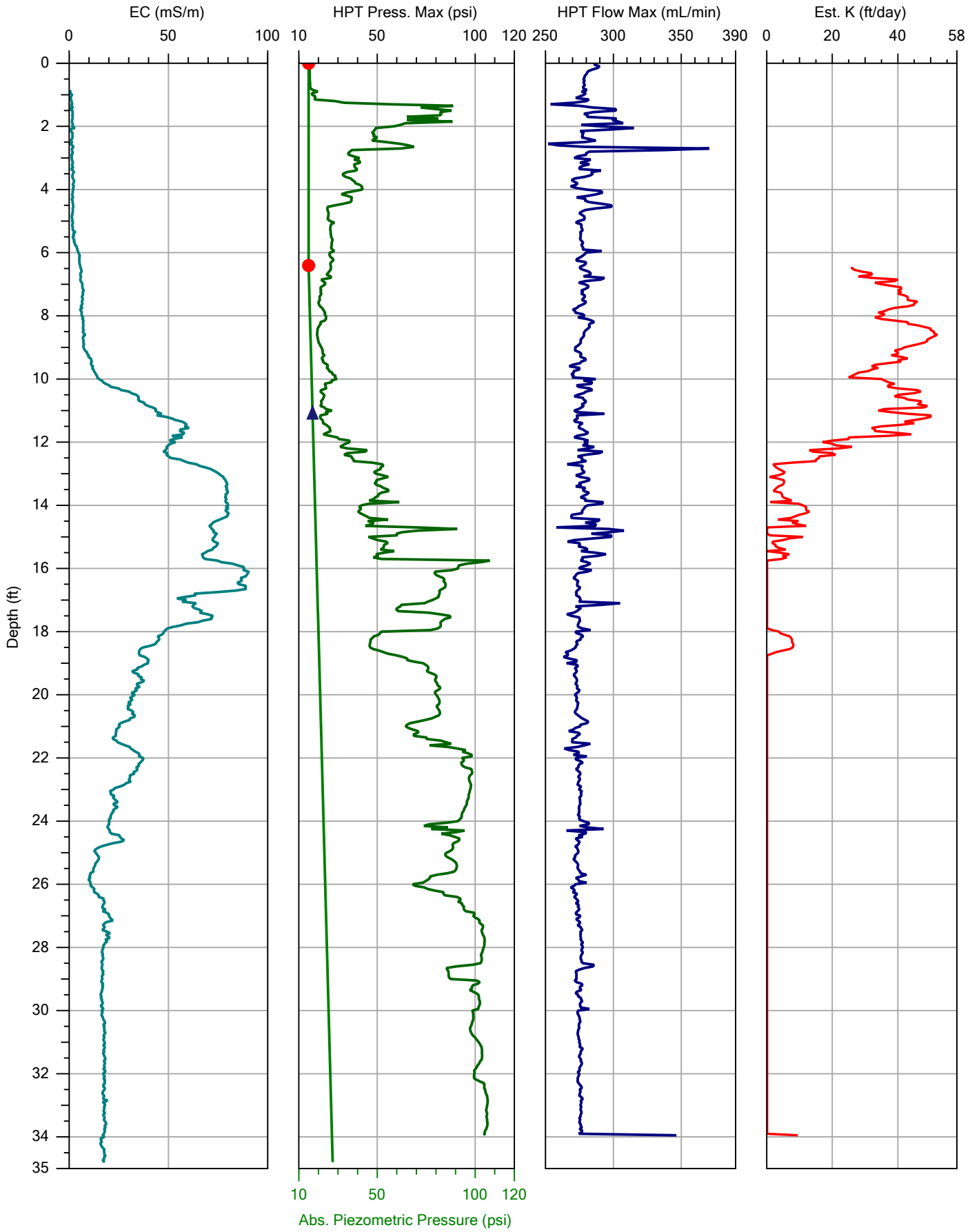

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| Company: Matrix Environmental | | Operator: AK | Date: 2/9/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



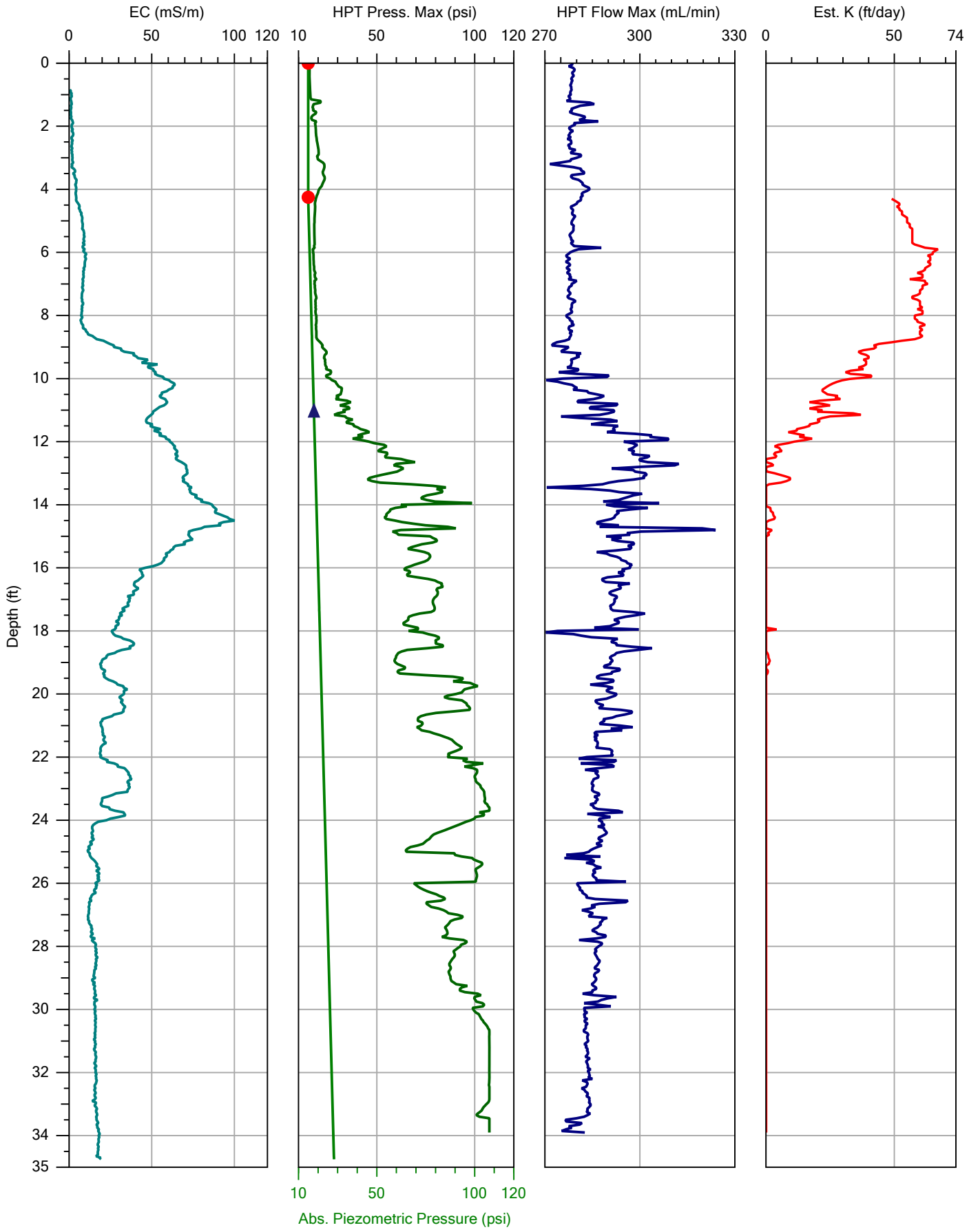

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| Company: Matrix Environmental | | Operator: AK | Date: 2/11/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



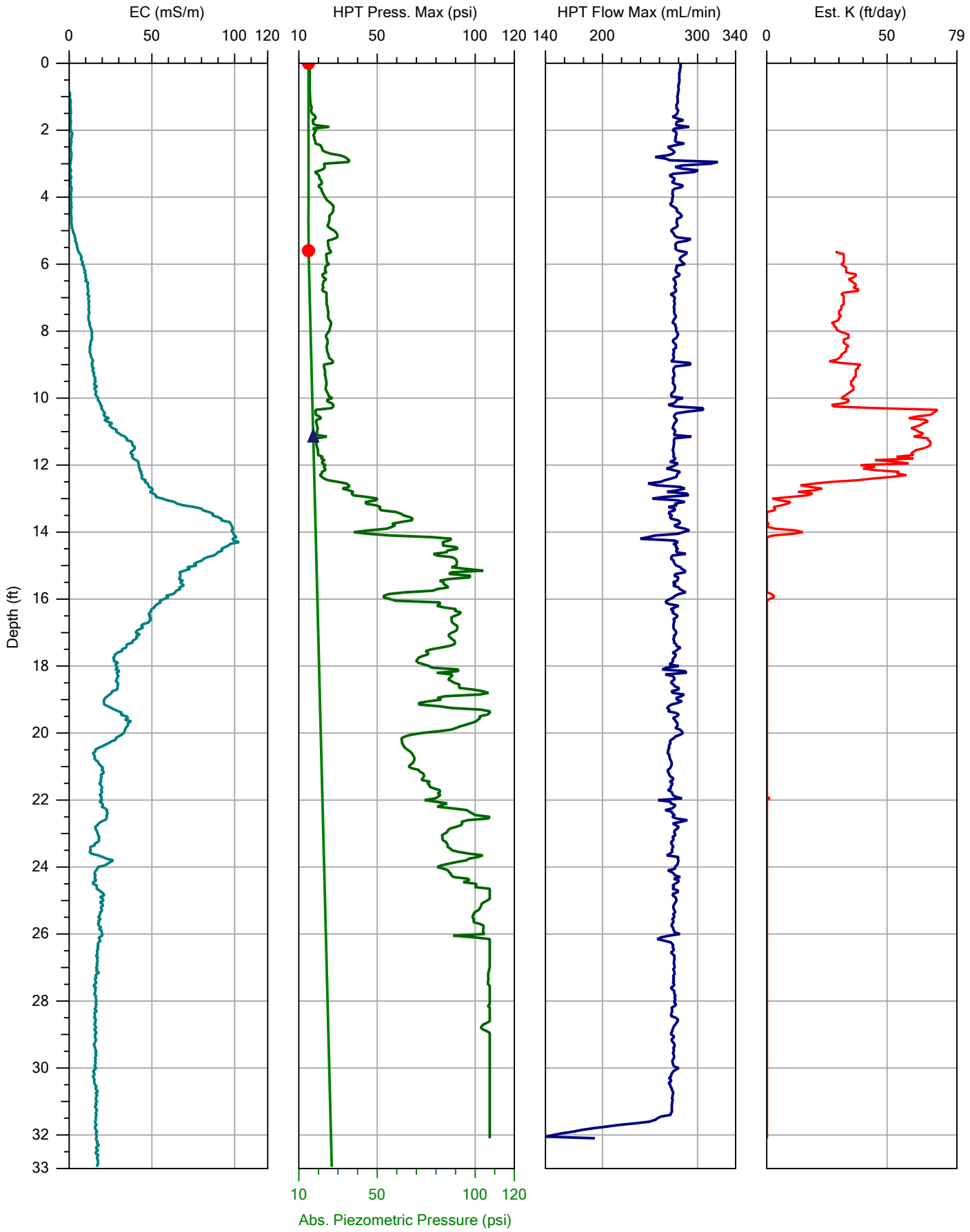

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|---|---|---|---|
| | | | File: HPT-84.HPT |
| Company: Matrix Environmental | | Operator: AK | Date: 2/10/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



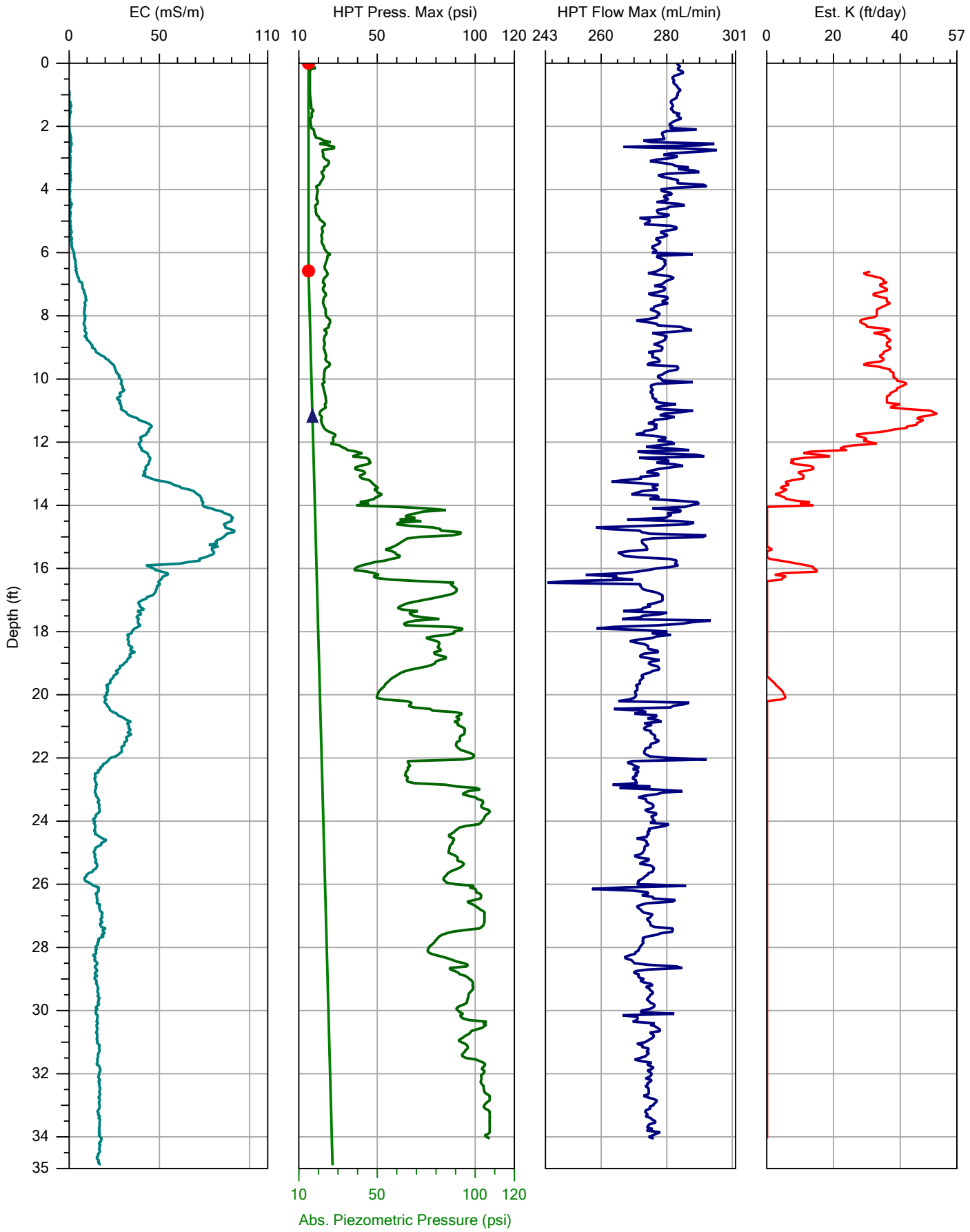

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| Company: Matrix Environmental | | Operator: AK | Date: 2/10/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



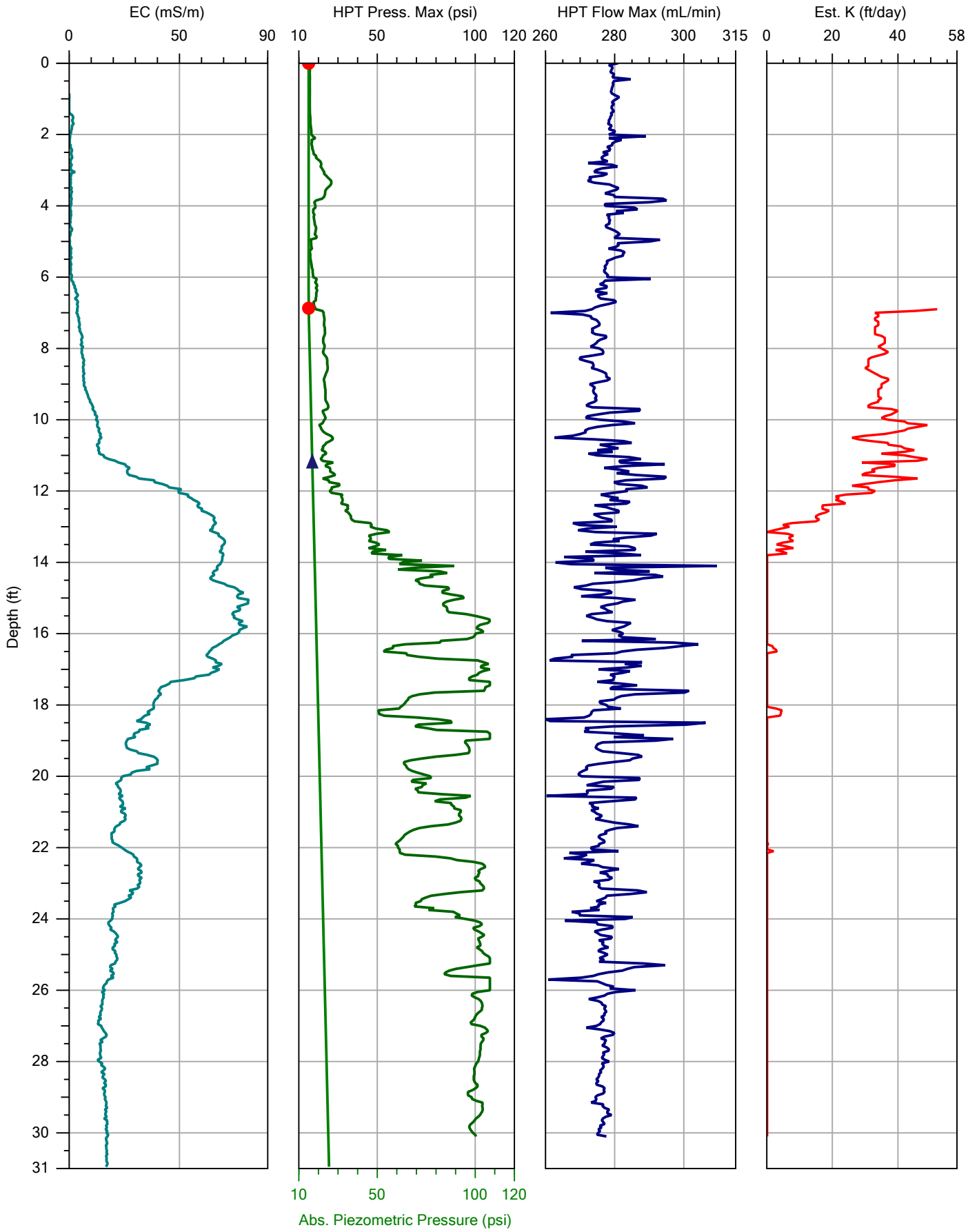

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| Company: Matrix Environmental | | Operator: AK | Date: 2/10/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



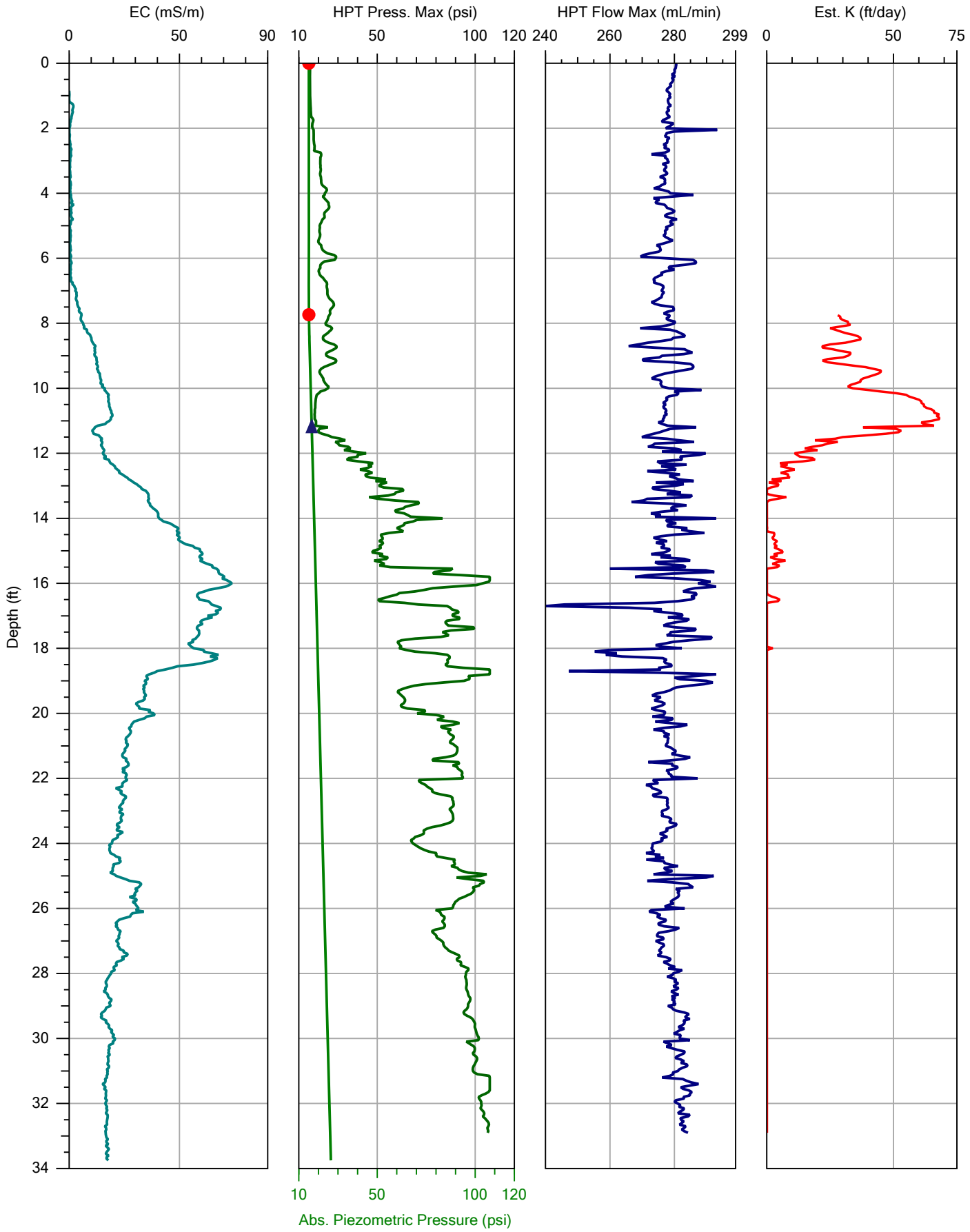

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| Company: Matrix Environmental | | Operator: AK | Date: 2/10/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



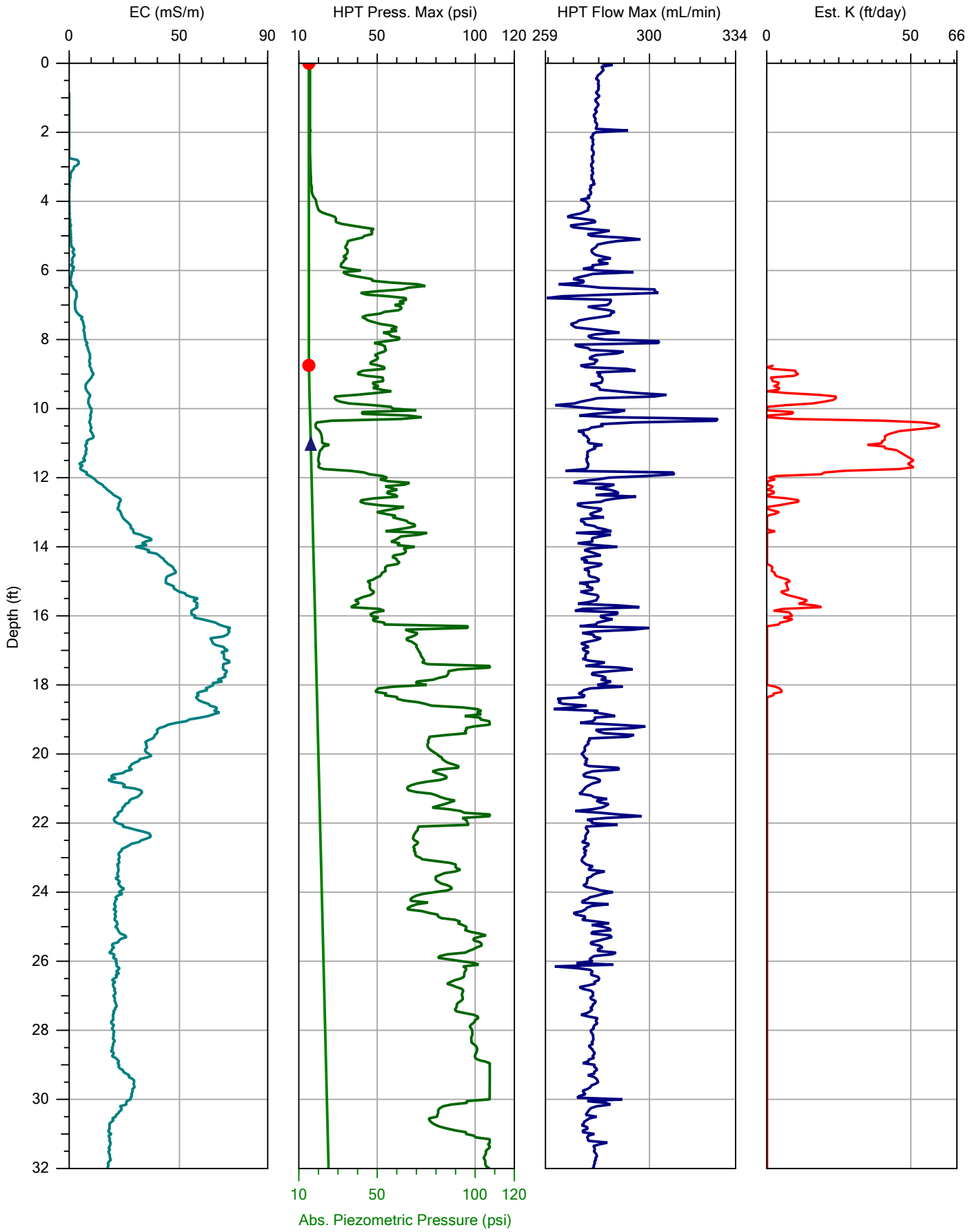

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| Company: Matrix Environmental | | Operator: AK | Date: 2/10/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



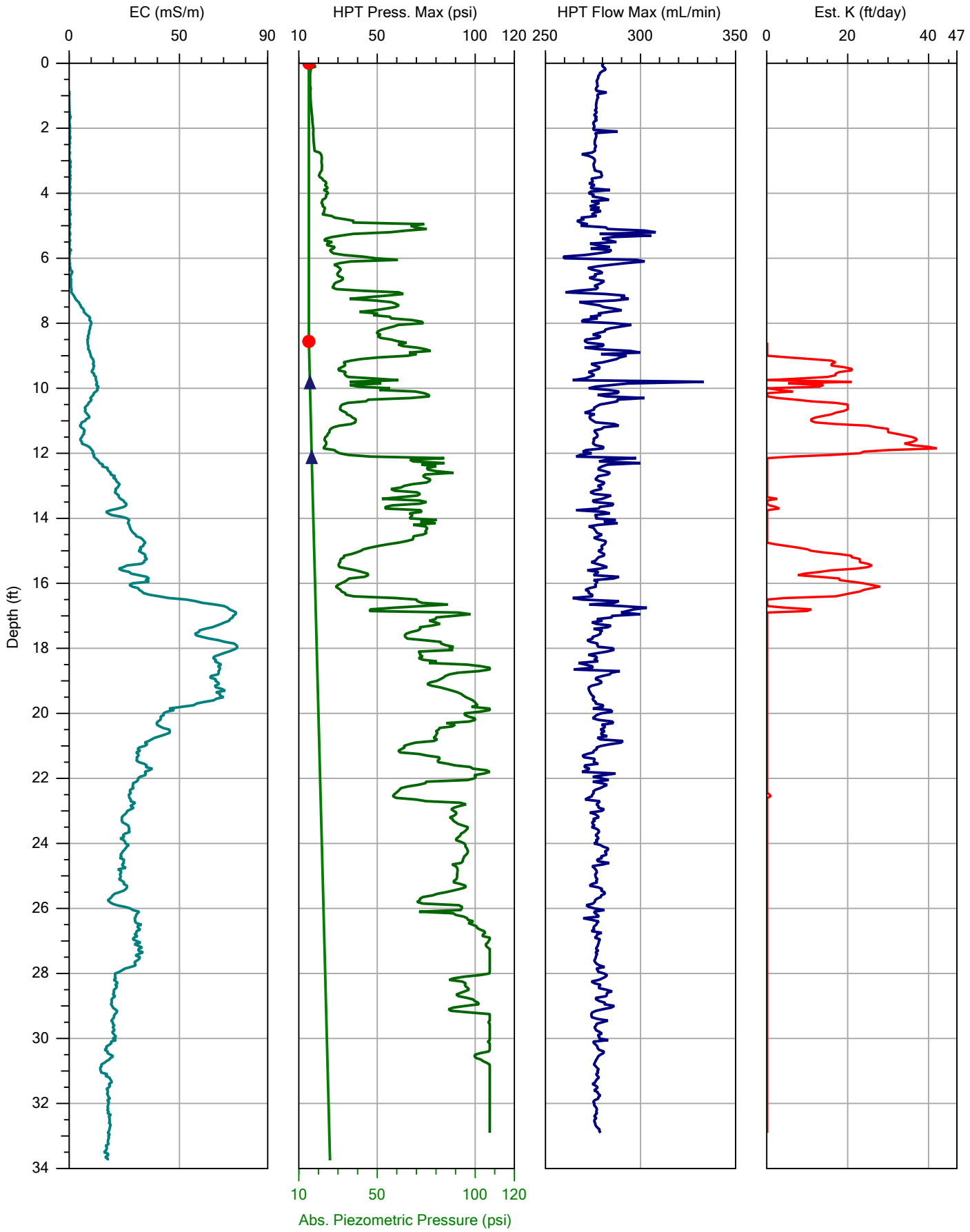

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| Company: Matrix Environmental | | Operator: AK | Date: 2/10/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



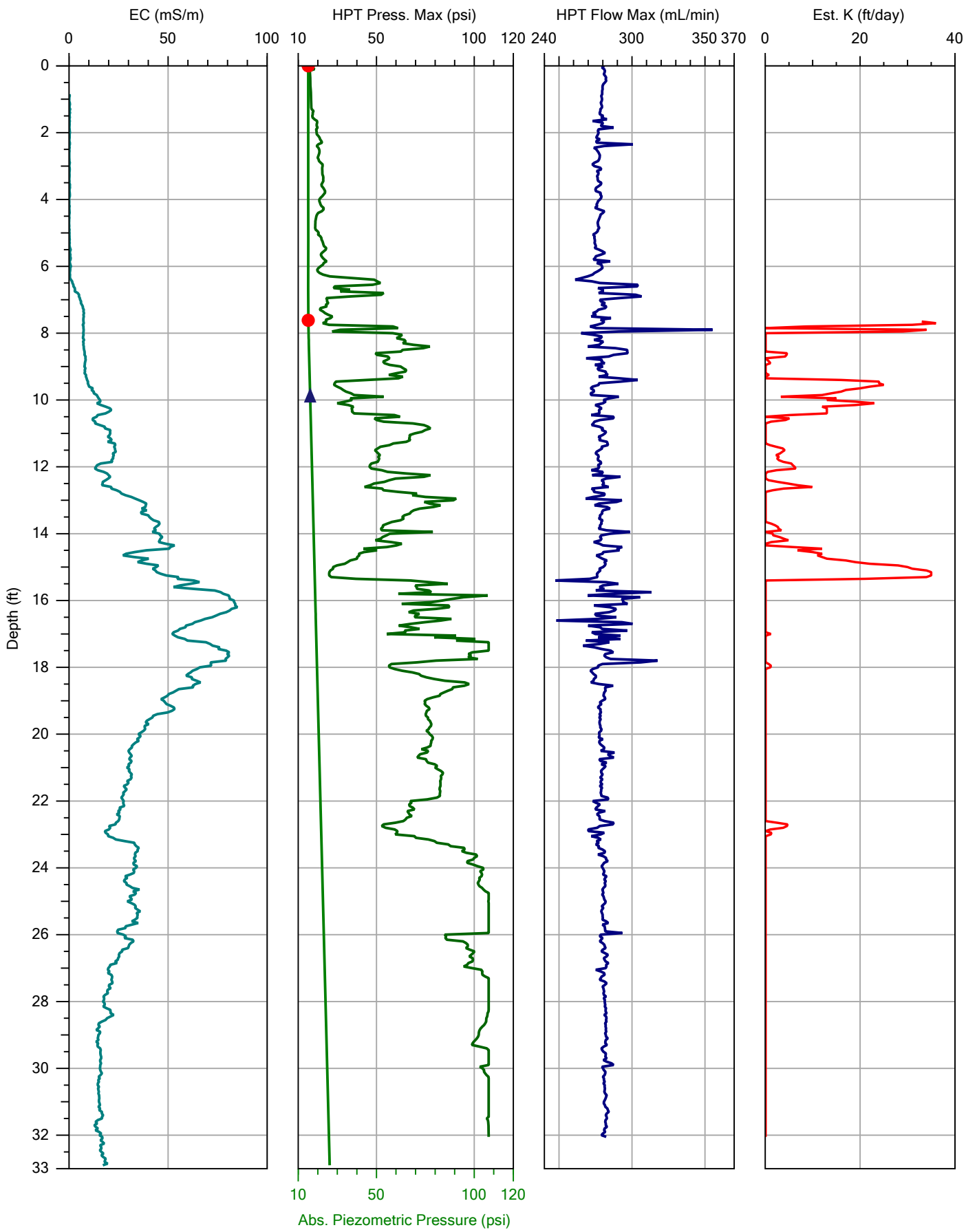

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| Company: Matrix Environmental | | Operator: AK | Date: 2/11/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



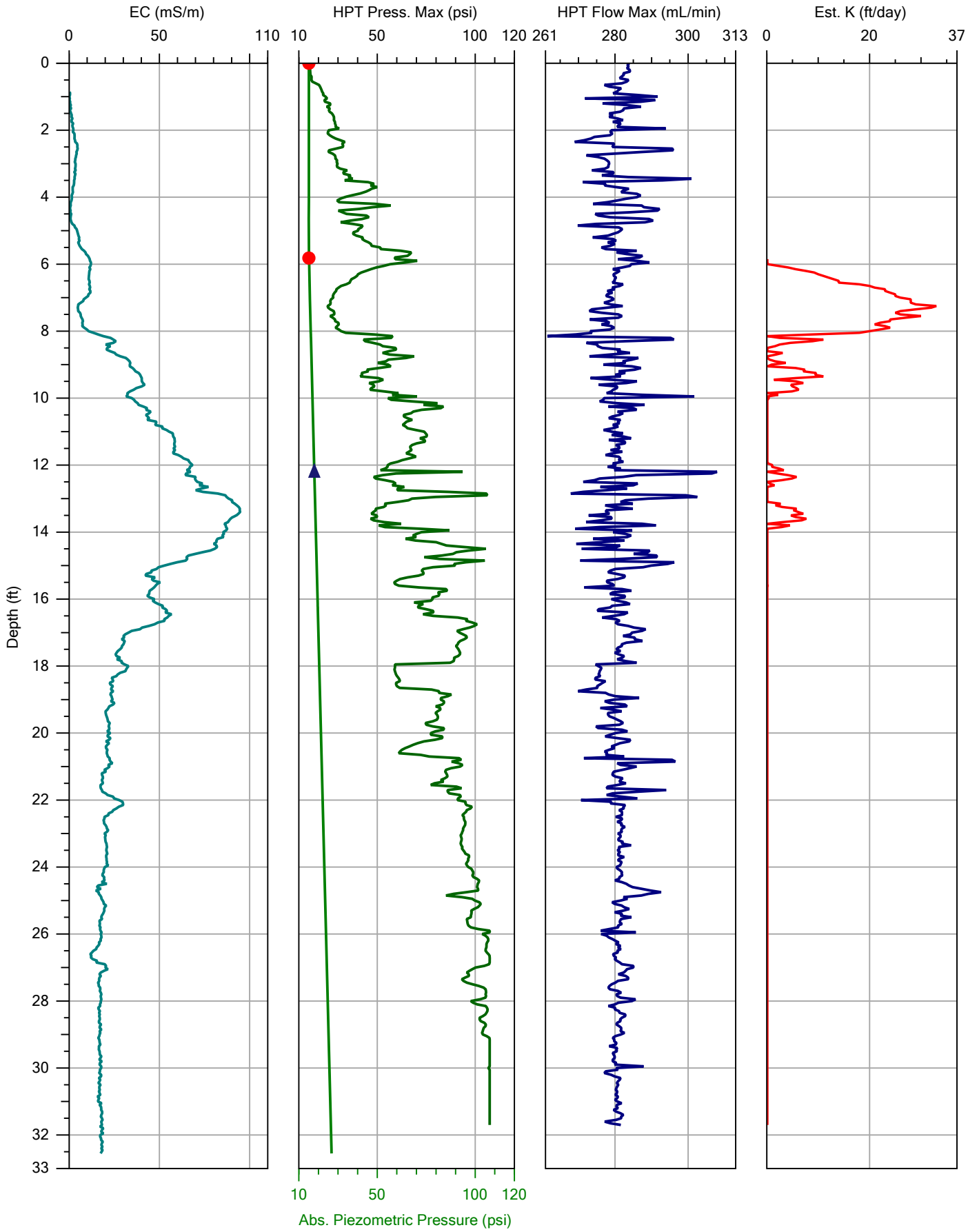

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| Company: Matrix Environmental | | Operator: AK | Date: 2/11/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



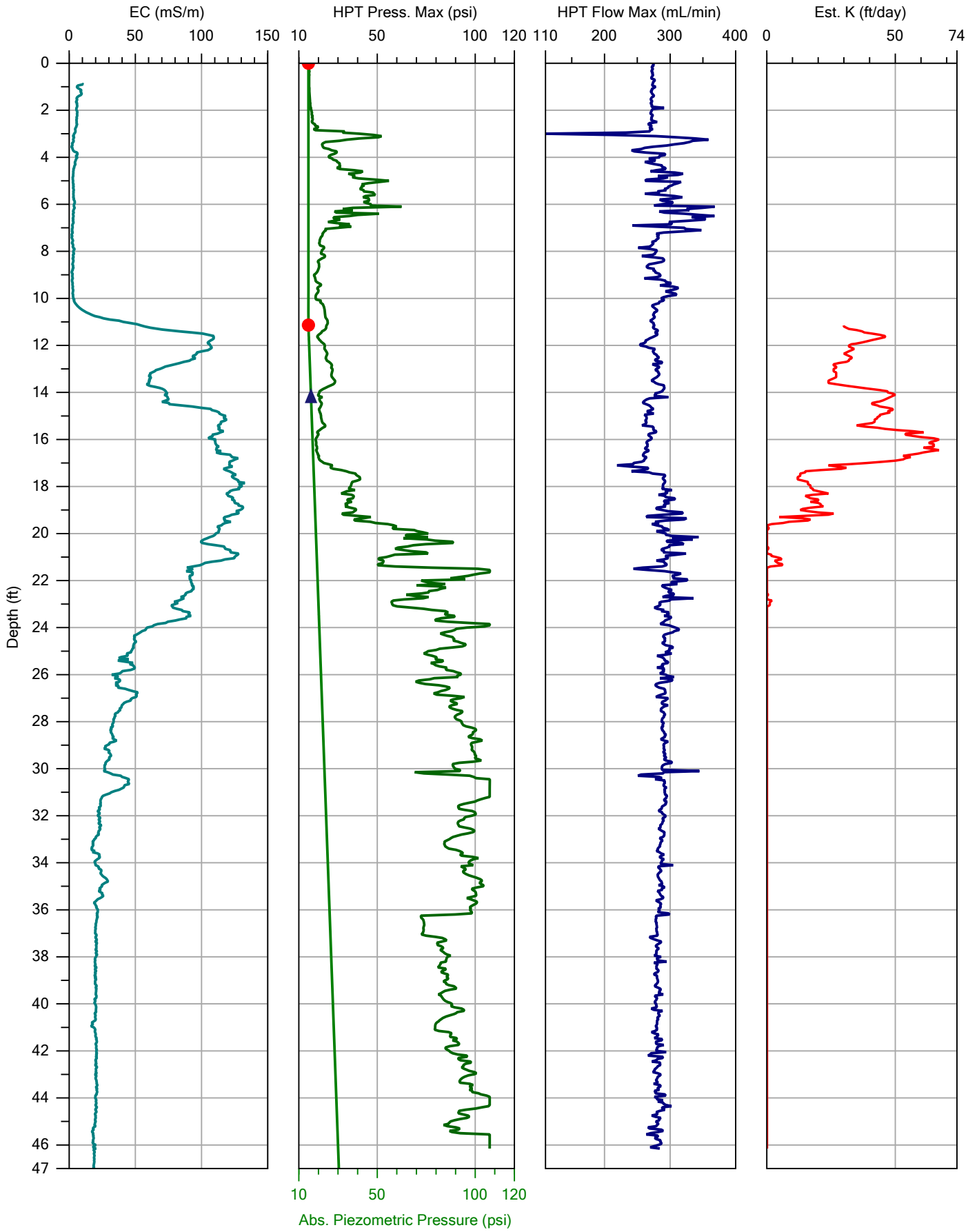

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| Company: Matrix Environmental | | Operator: AK | Date: 2/11/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



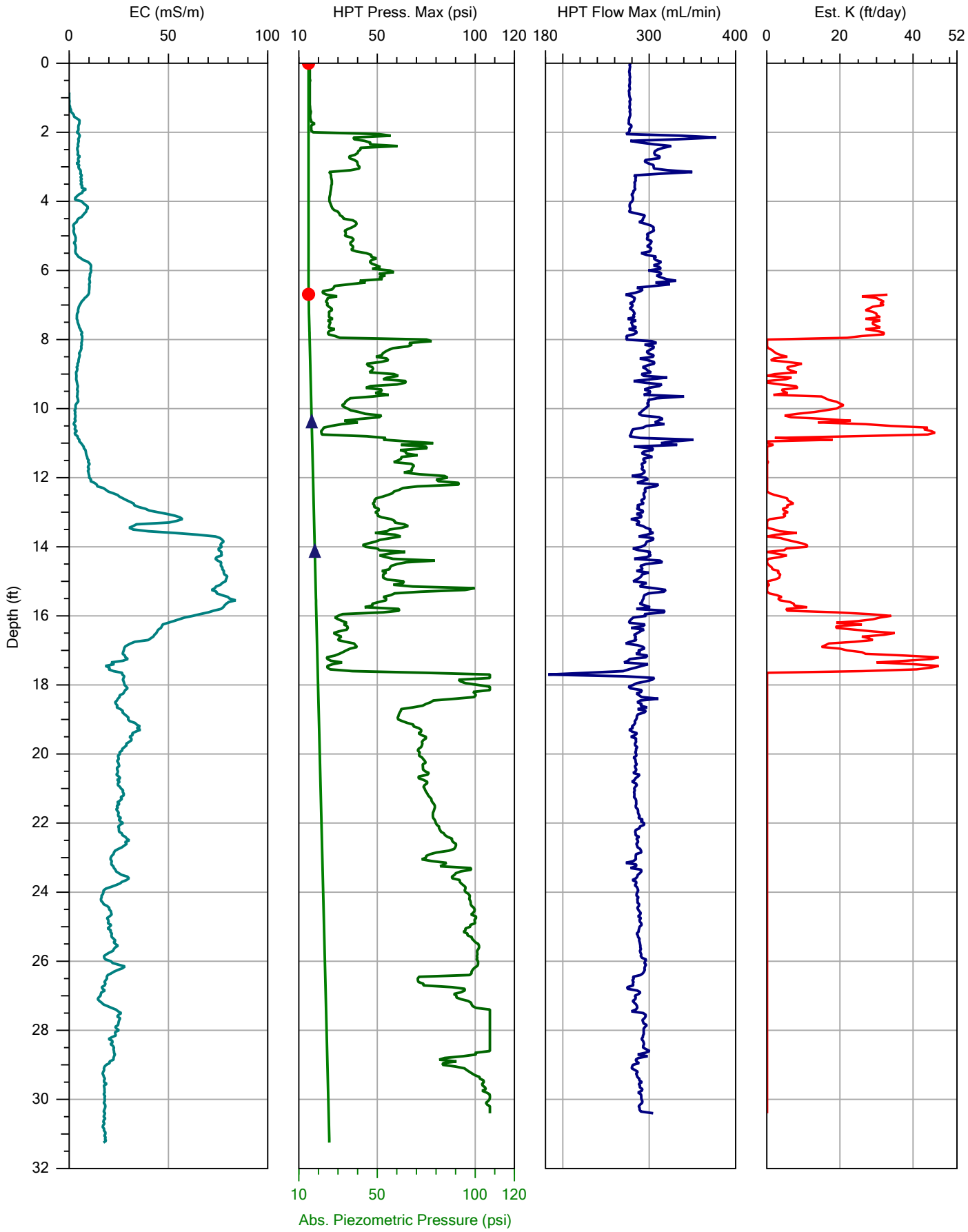

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| Company: Matrix Environmental | | Operator: AK | Date: 2/11/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



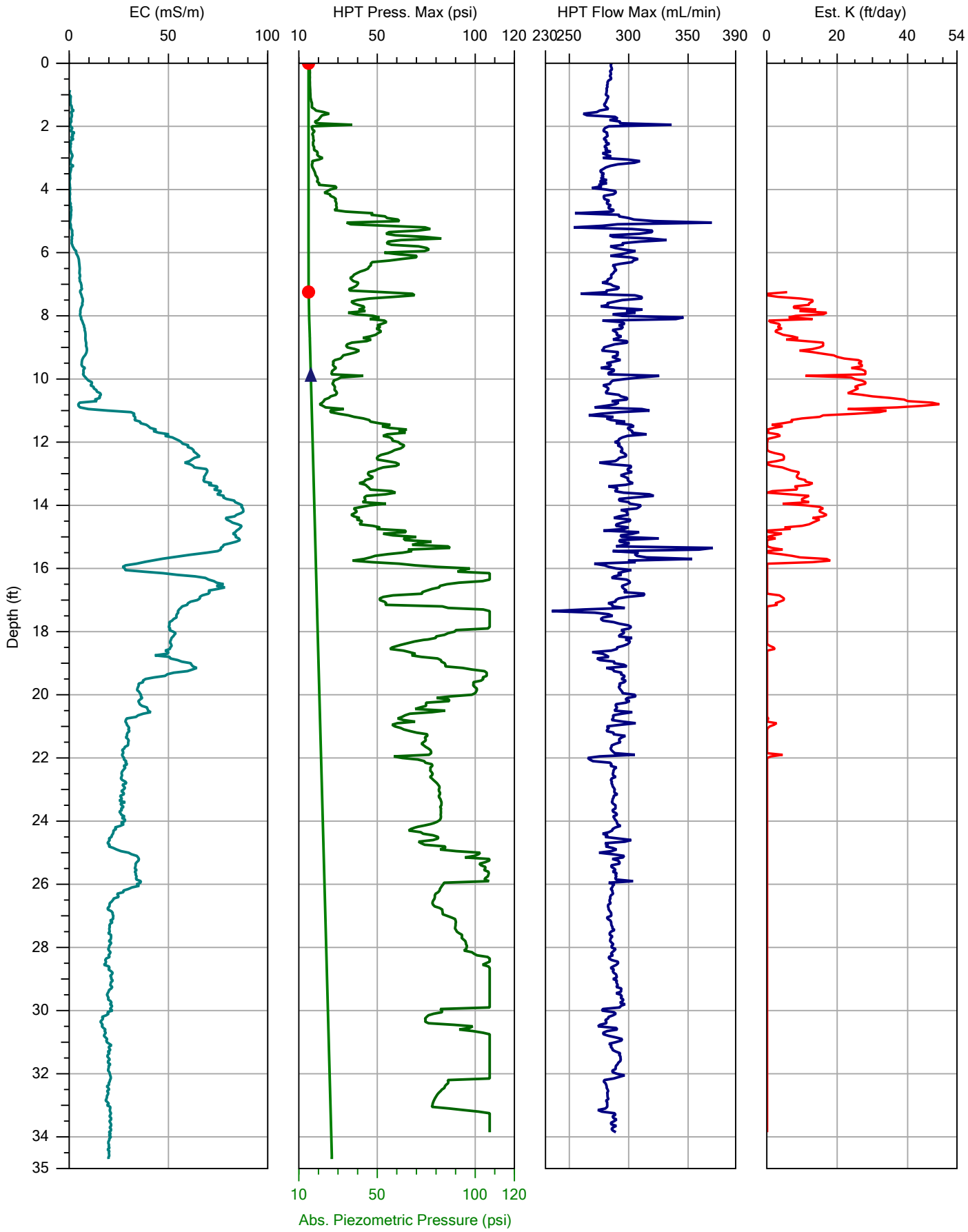

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| Company: Matrix Environmental | | Operator: AK | Date: 2/11/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



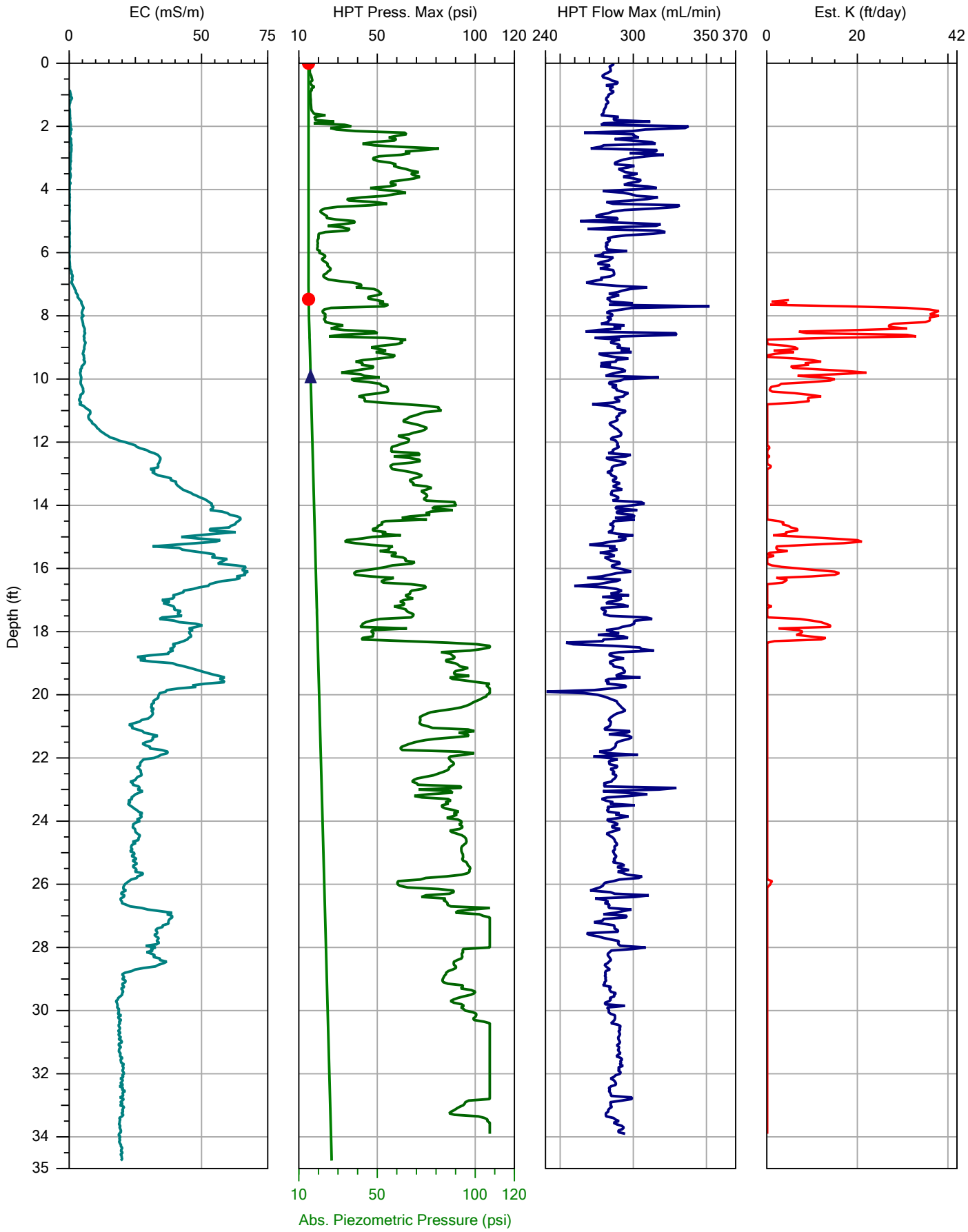

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| | | | File: HPT-95.HPT |
| Company: Matrix Environmental | | Operator: AK | Date: 2/9/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



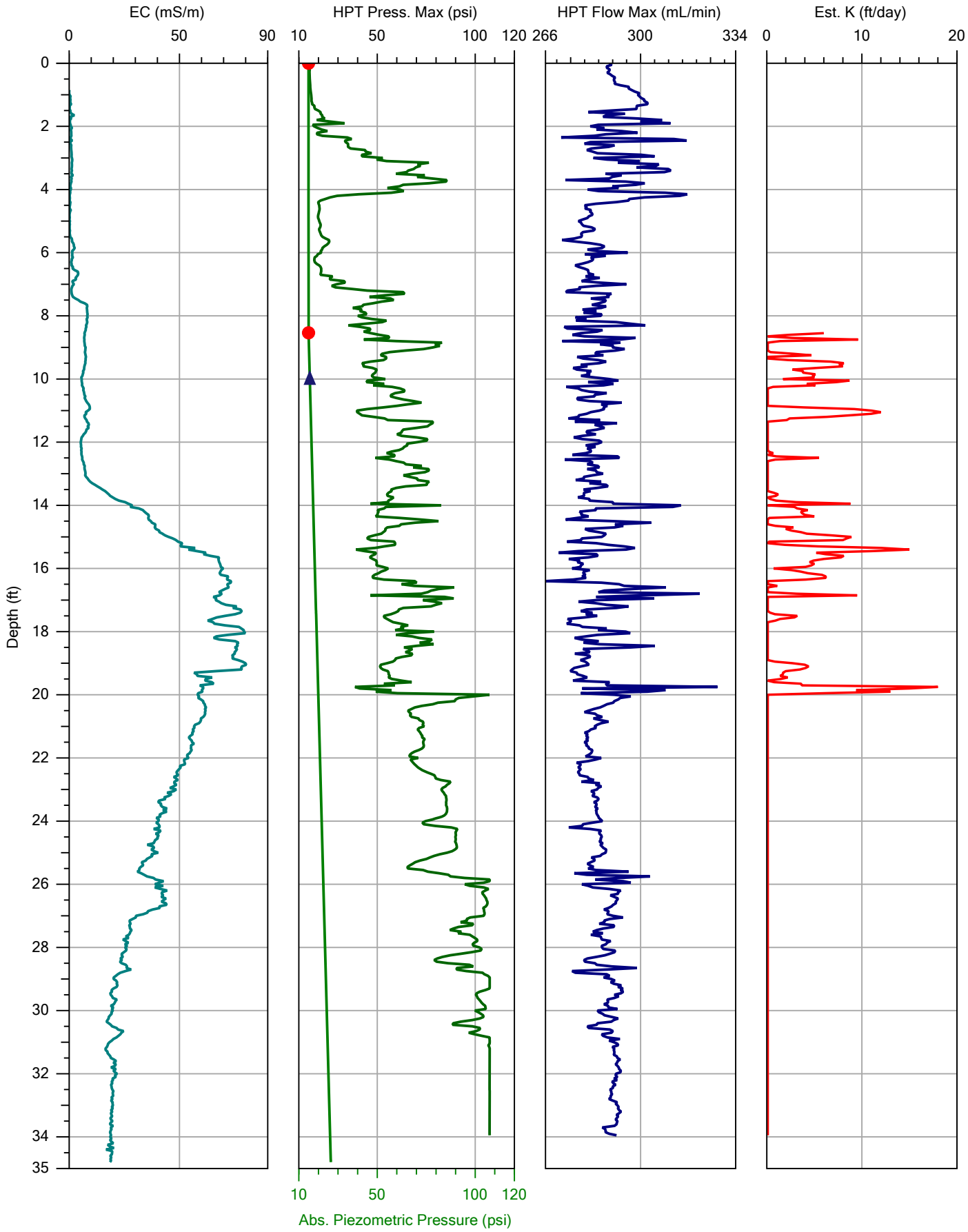

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| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 2/15/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



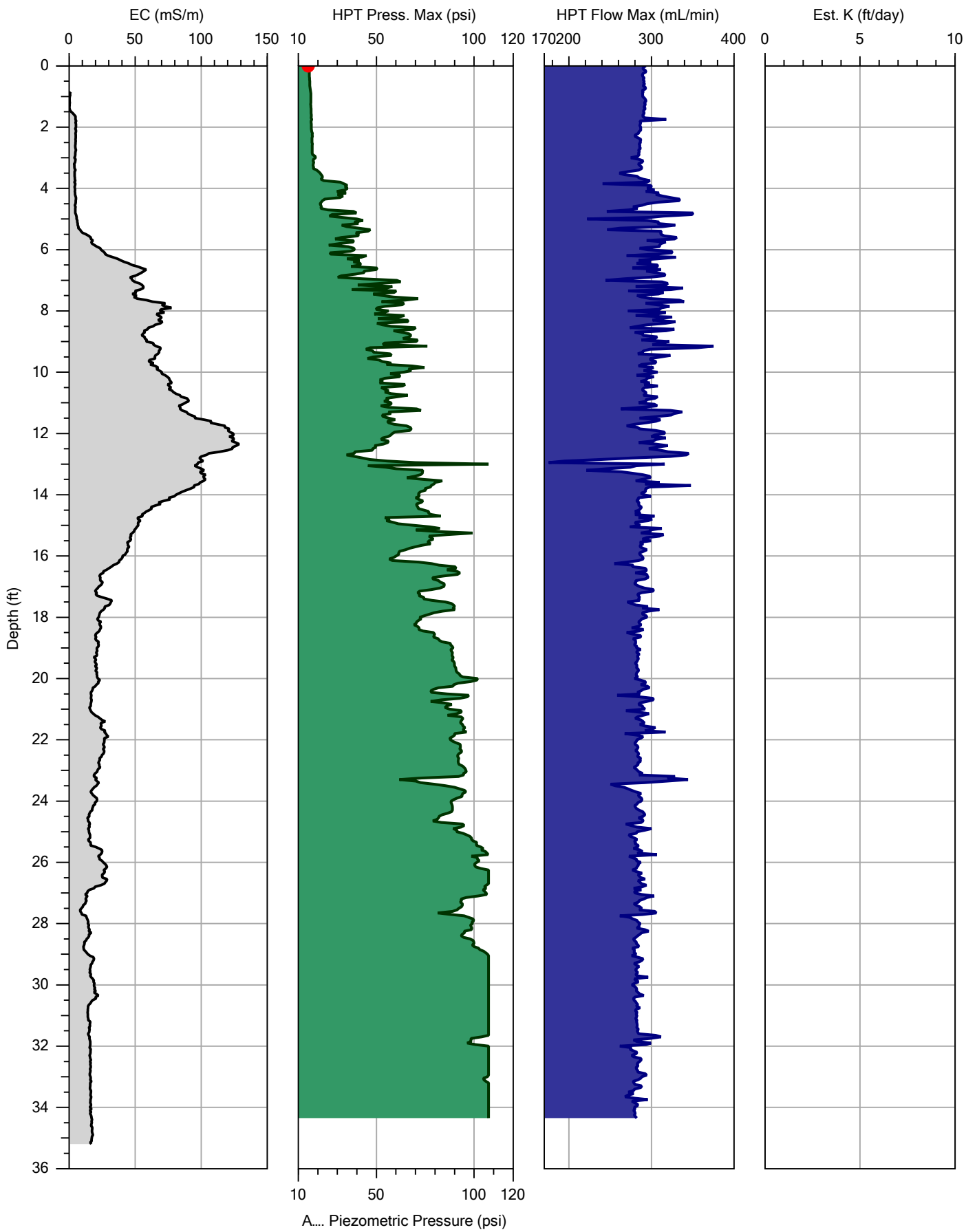

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| | | | File: HPT-97.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 2/15/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



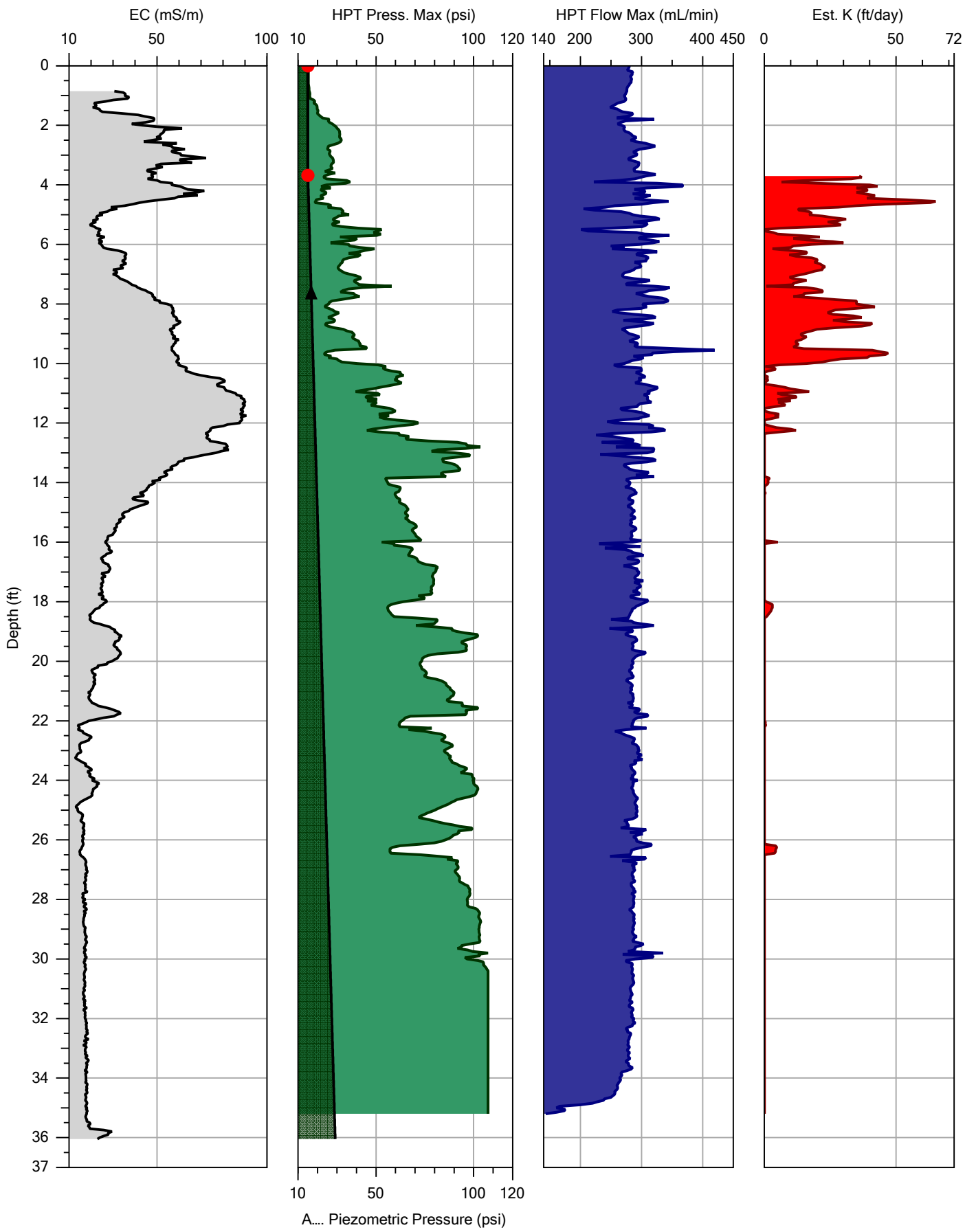

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|---|---|---|---|
| | | | File: HPT-98.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 2/15/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



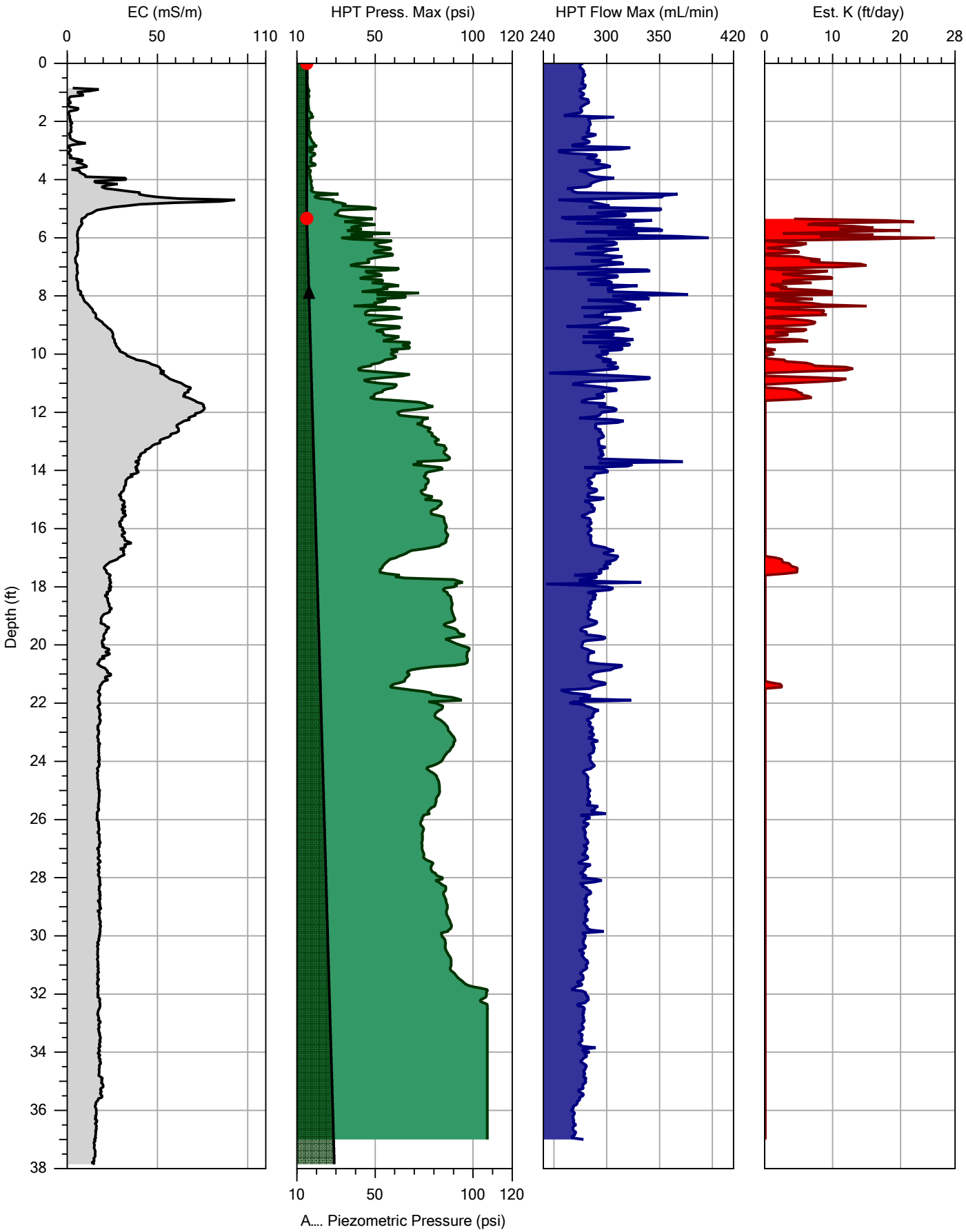

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|---|---|---|---|
| | | | File: HPT-99.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 2/15/2016 |
| Project ID: Ford Transmission | | Client: Arcadis | Location: |



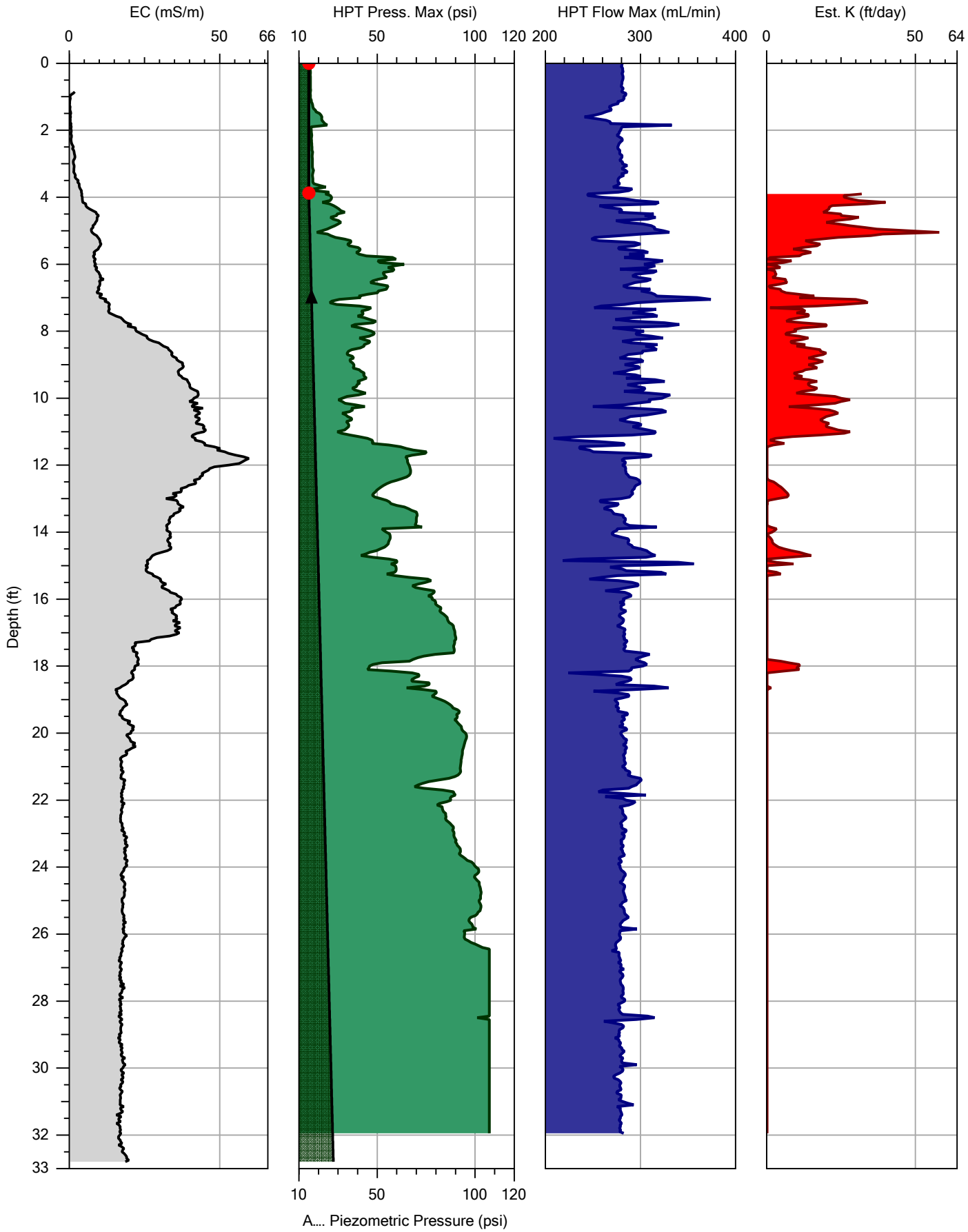

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| | | | File: HPT-100.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 5/9/2016 |
| Project ID: Ford- Livonia Transmission/0106.16 | | Client: Arcadis | Location: |



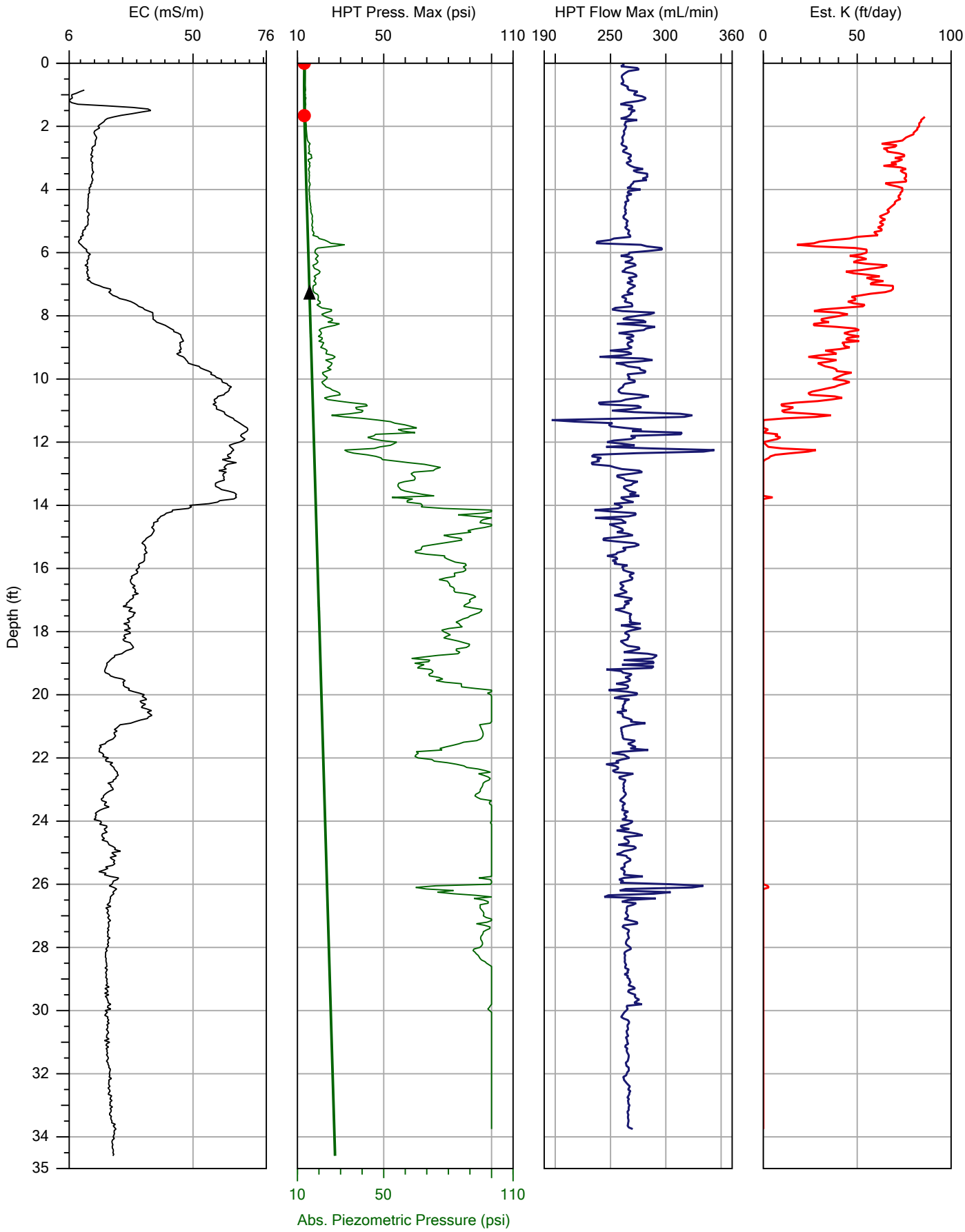

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|---|---|---|
| | | File: HPT-101.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 5/9/2016 |
| Project ID: Ford- Livonia Transmission/0106.16 | Client: Arcadis | Location: |



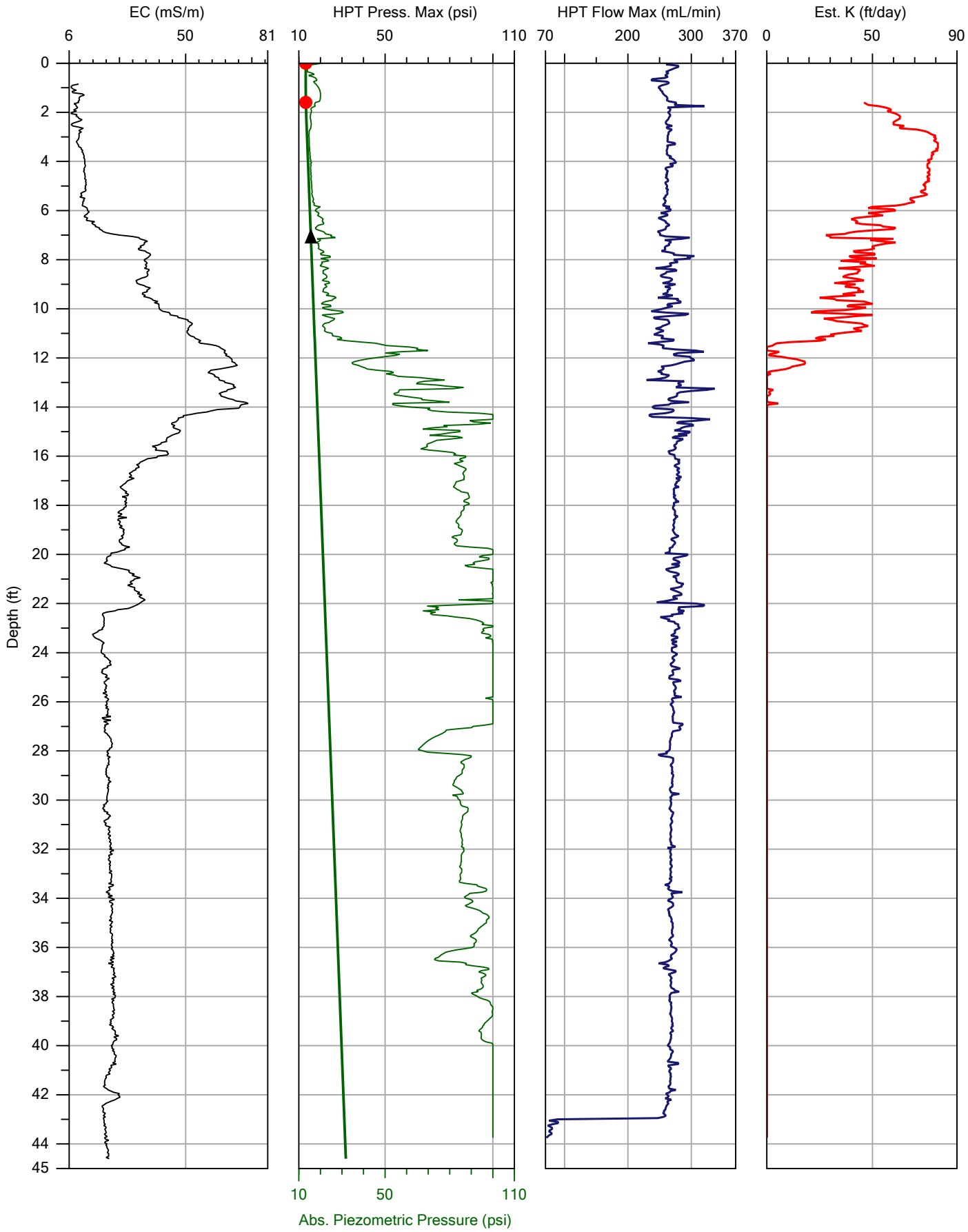

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| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 5/9/2016 |
| Project ID: Ford- Livonia Transmission/0106.16 | | Client: Arcadis | Location: |



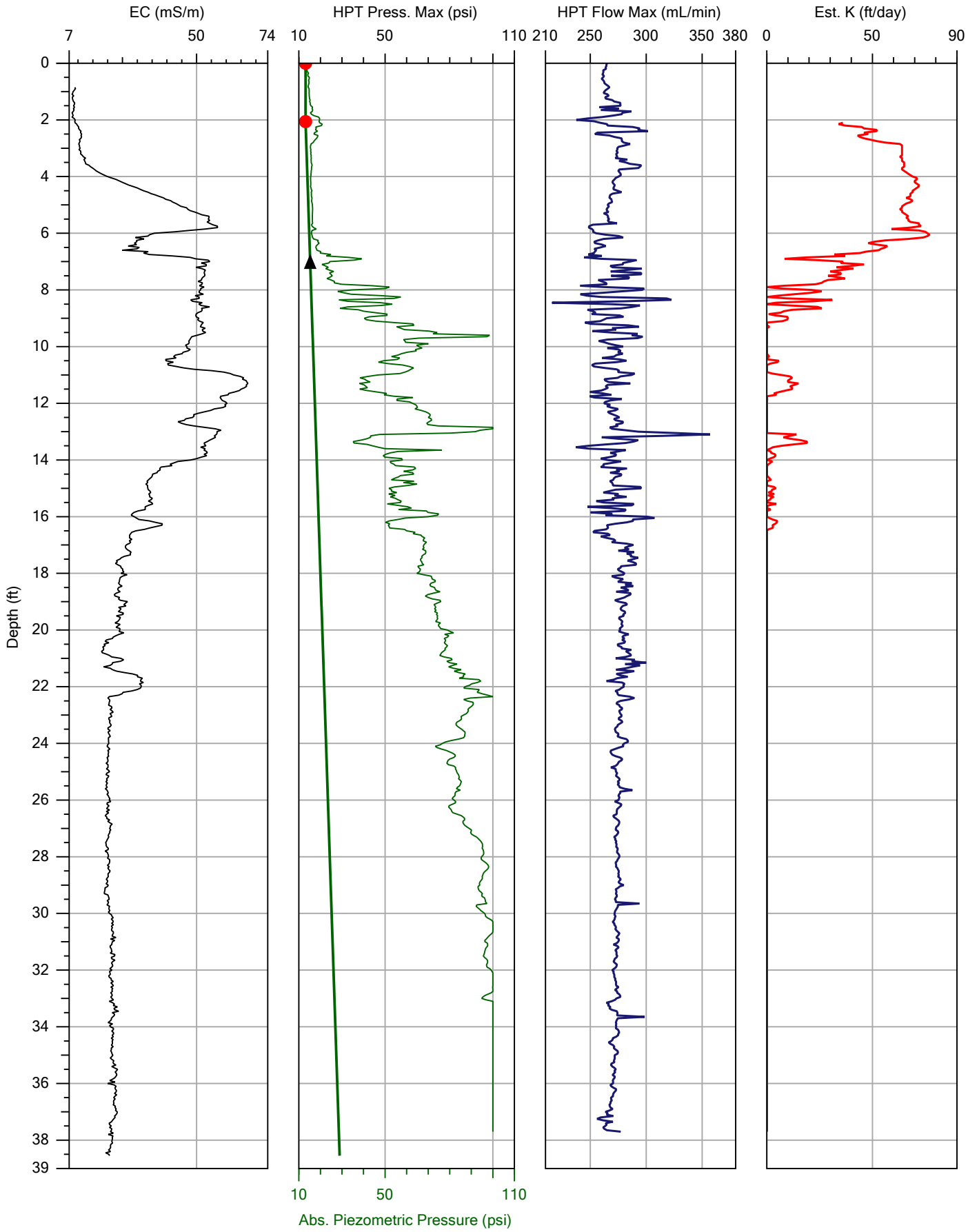

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| | | | File: HPT-103.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 5/9/2016 |
| Project ID: Ford- Livonia Transmission/0106.16 | | Client: Arcadis | Location: |



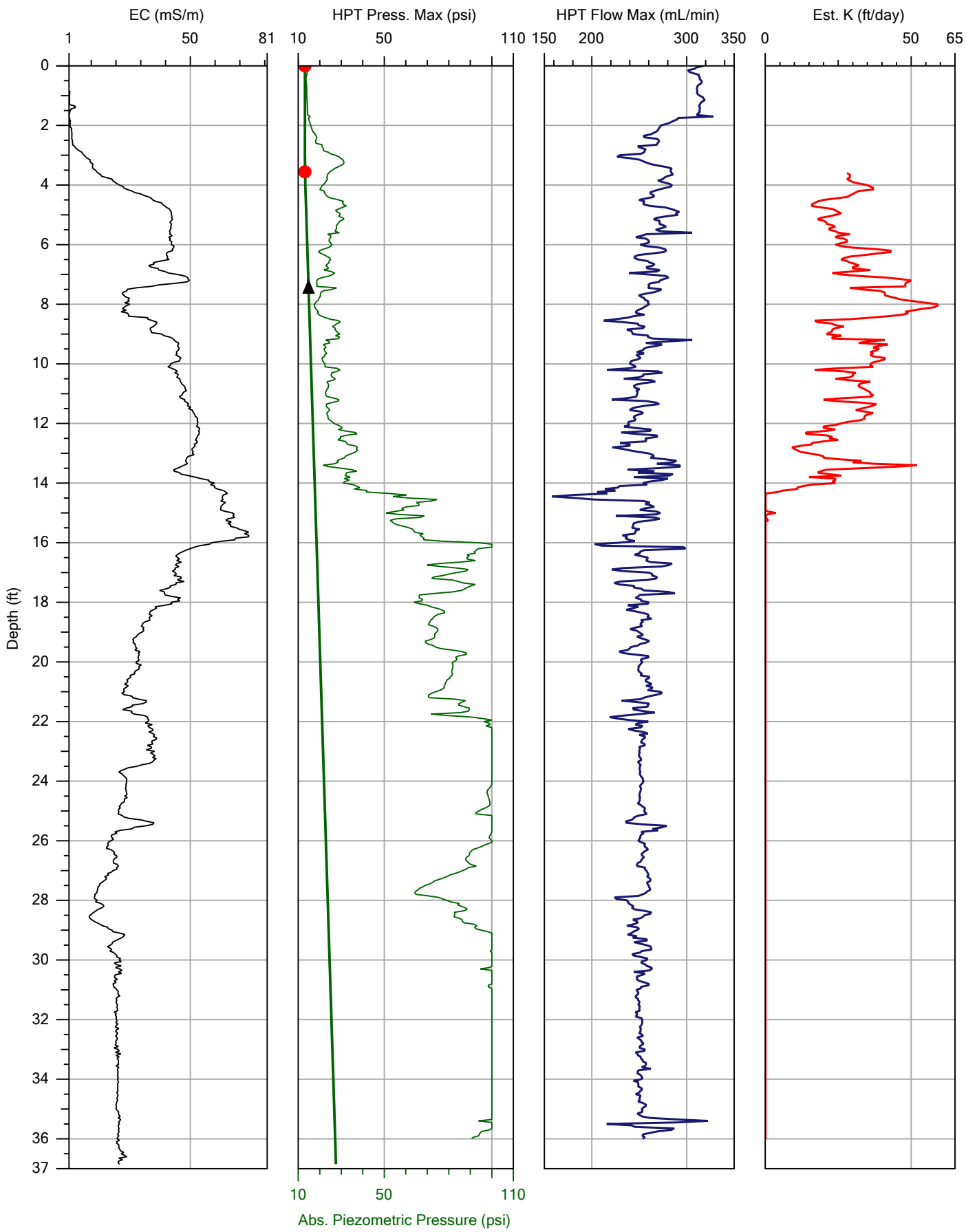

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|---|---|---|---|
| | | | File: HPT-104.HPT |
| Company: Dakota Technologies | | Operator: DT/AK | Date: 5/10/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



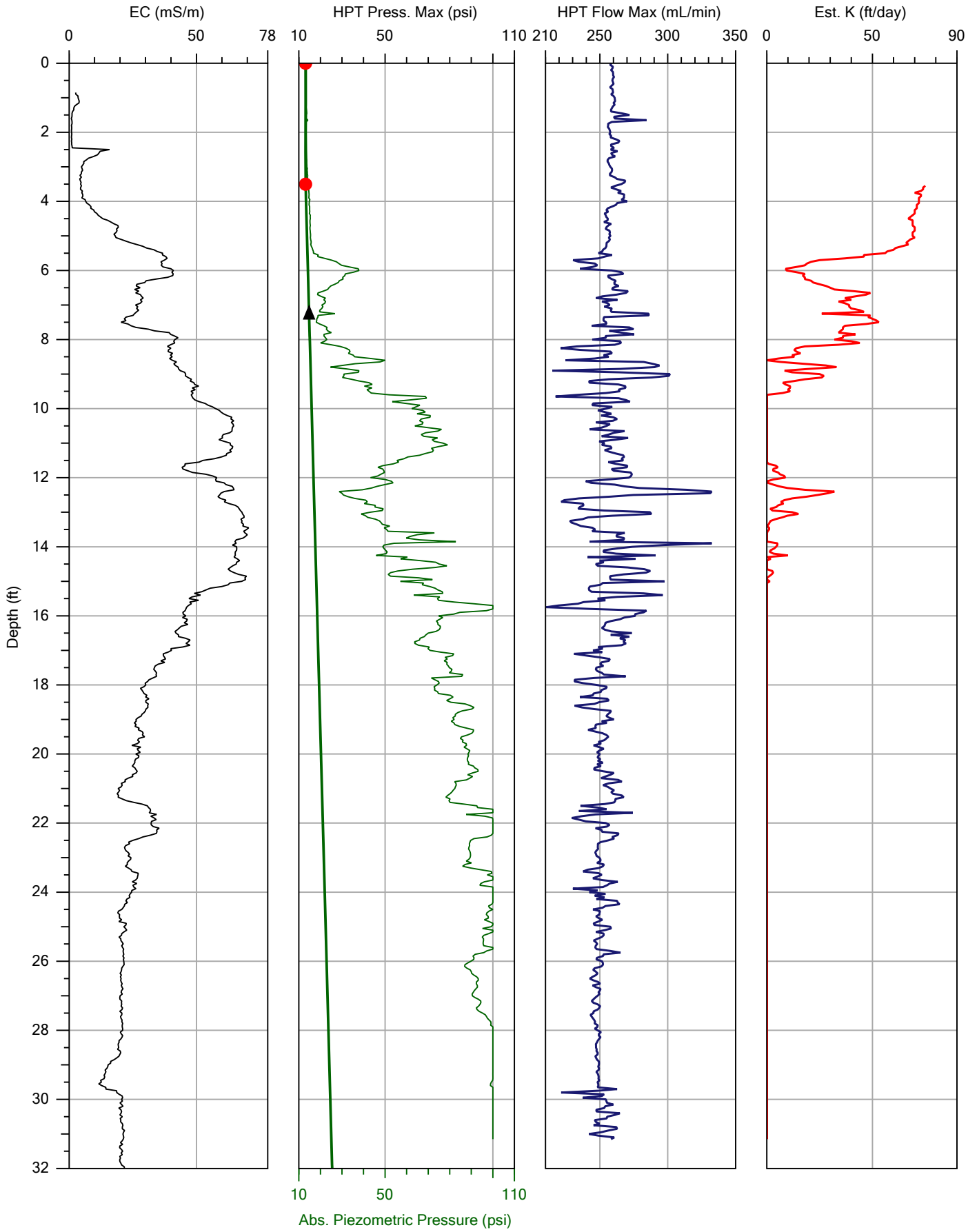

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|---|---|---|---|
| | | | File: HPT-105.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/10/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



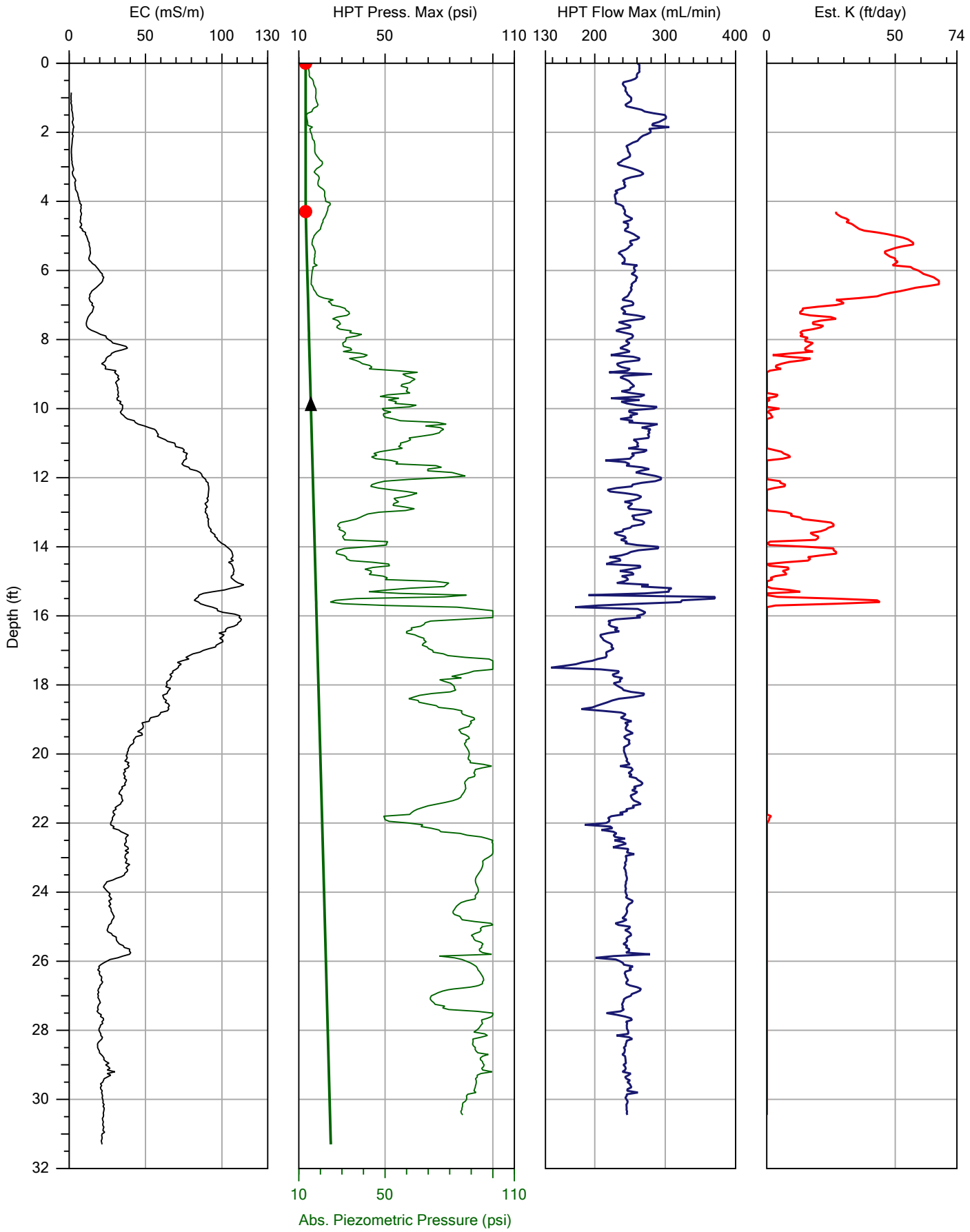

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|---|---|---|---|
| | | | File: HPT-106.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/10/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



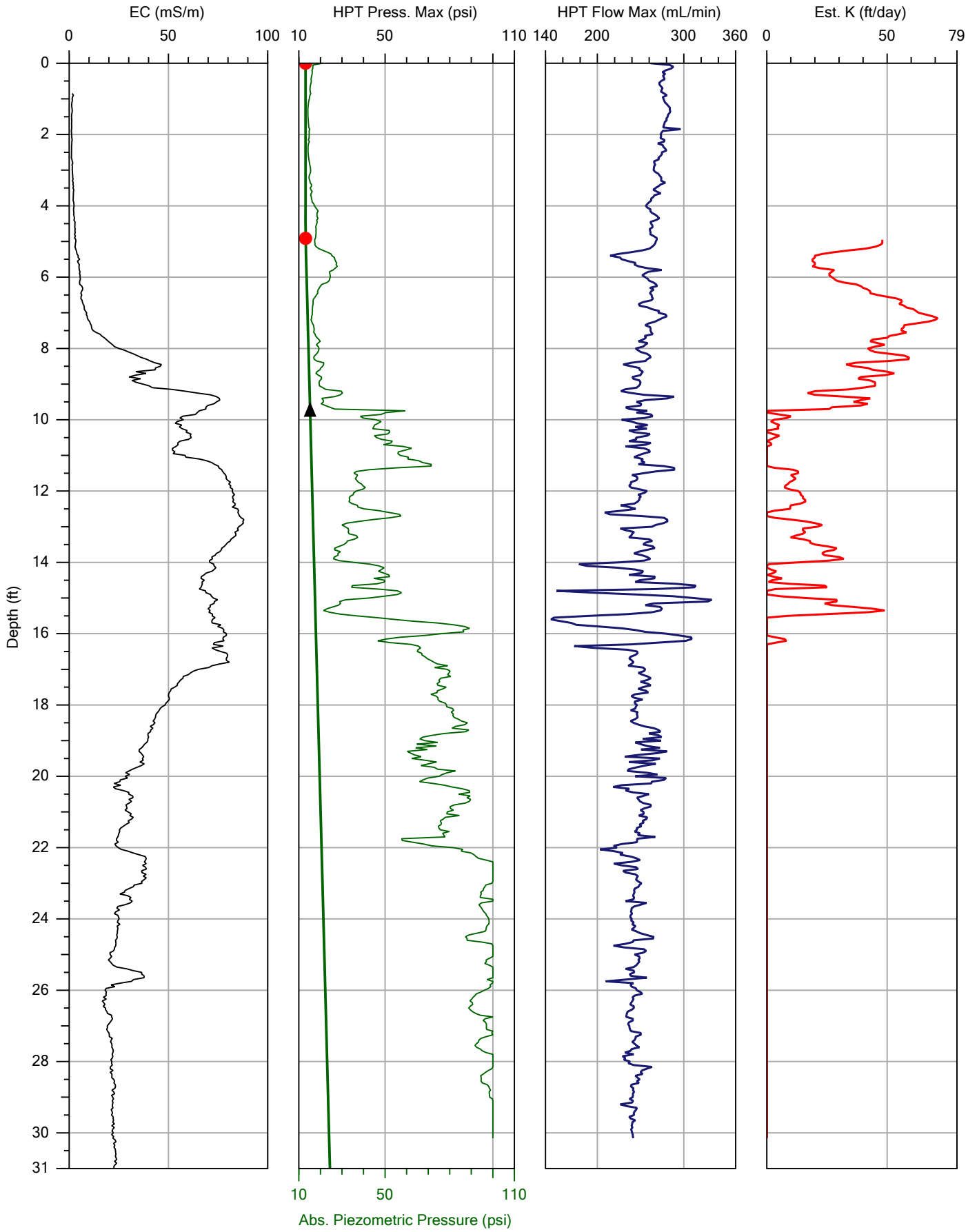

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|---|---|---|---|
| | | | File: HPT-107.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/10/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



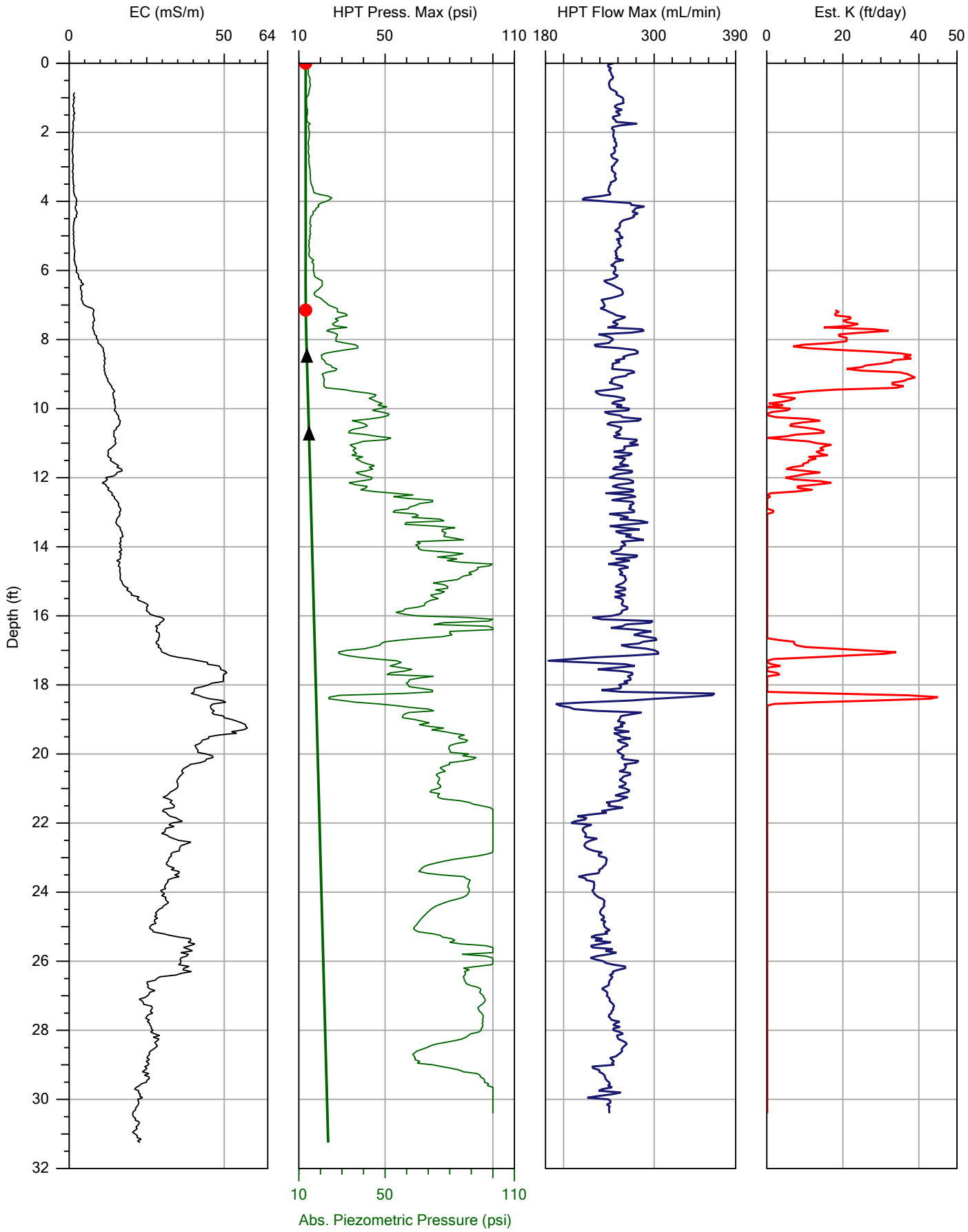

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|---|---|---|---|
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| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/10/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



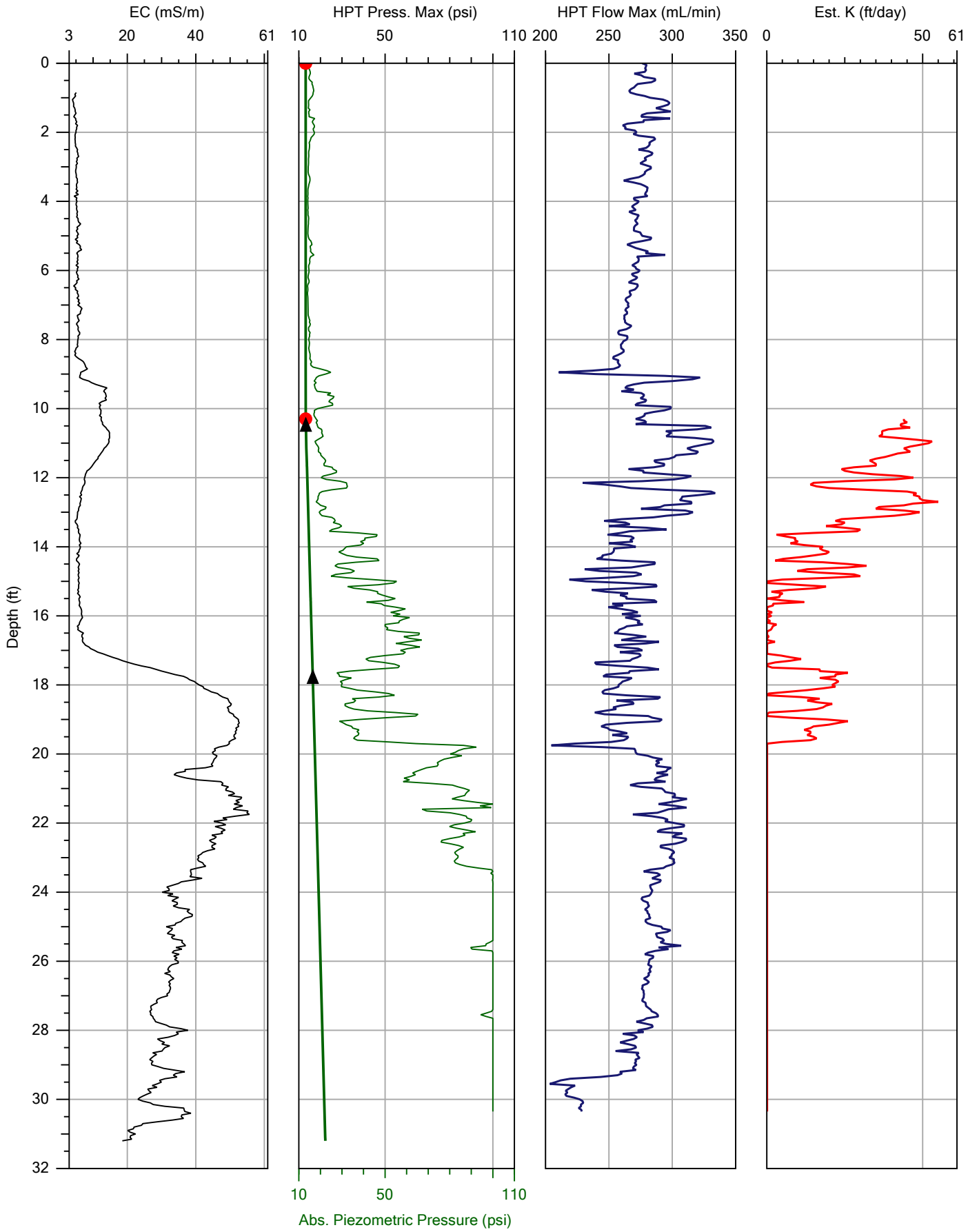

| | | | |
|---|---|---|---|
| | | | File: HPT-109.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/11/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



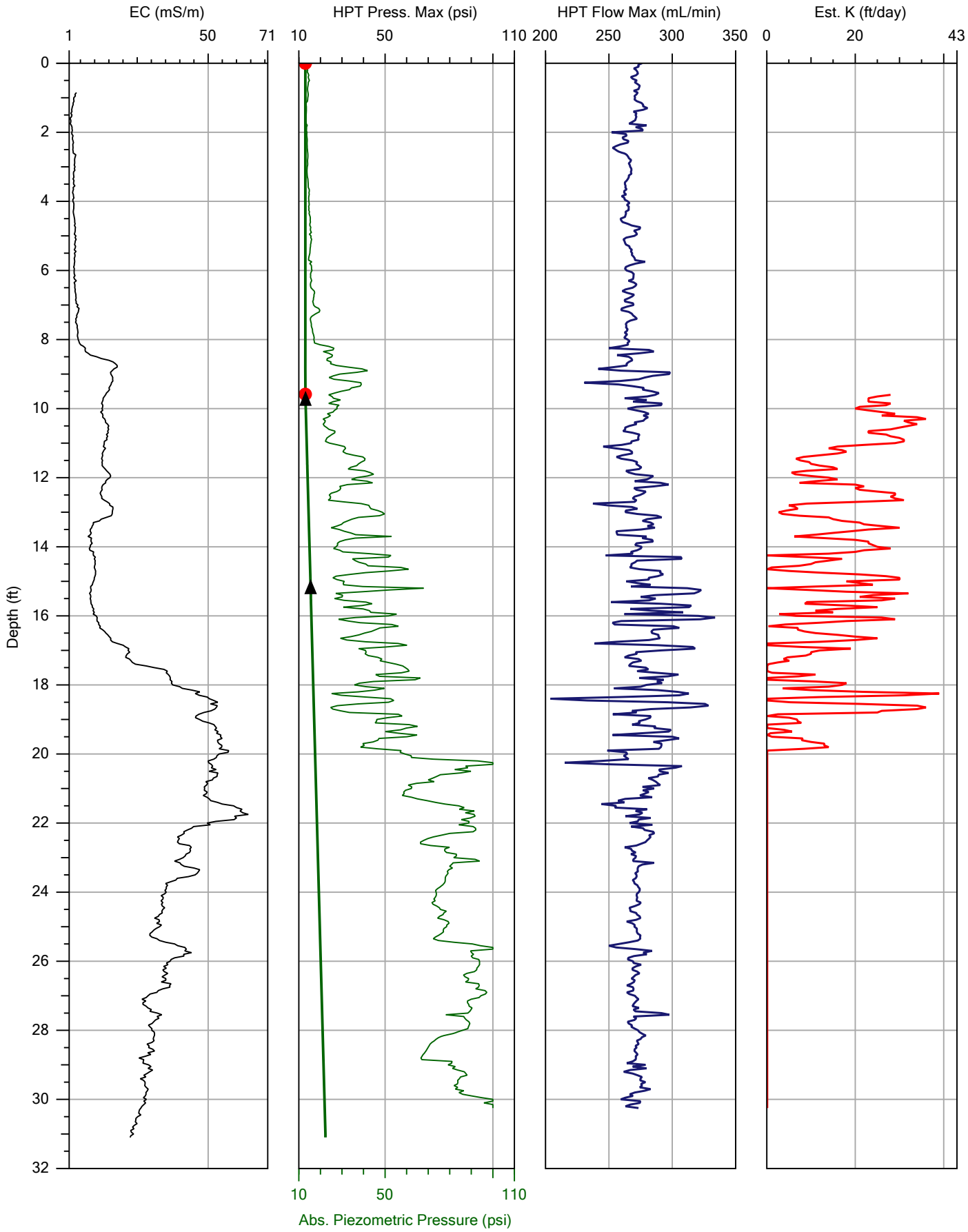

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| | | | File: HPT-110.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/11/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



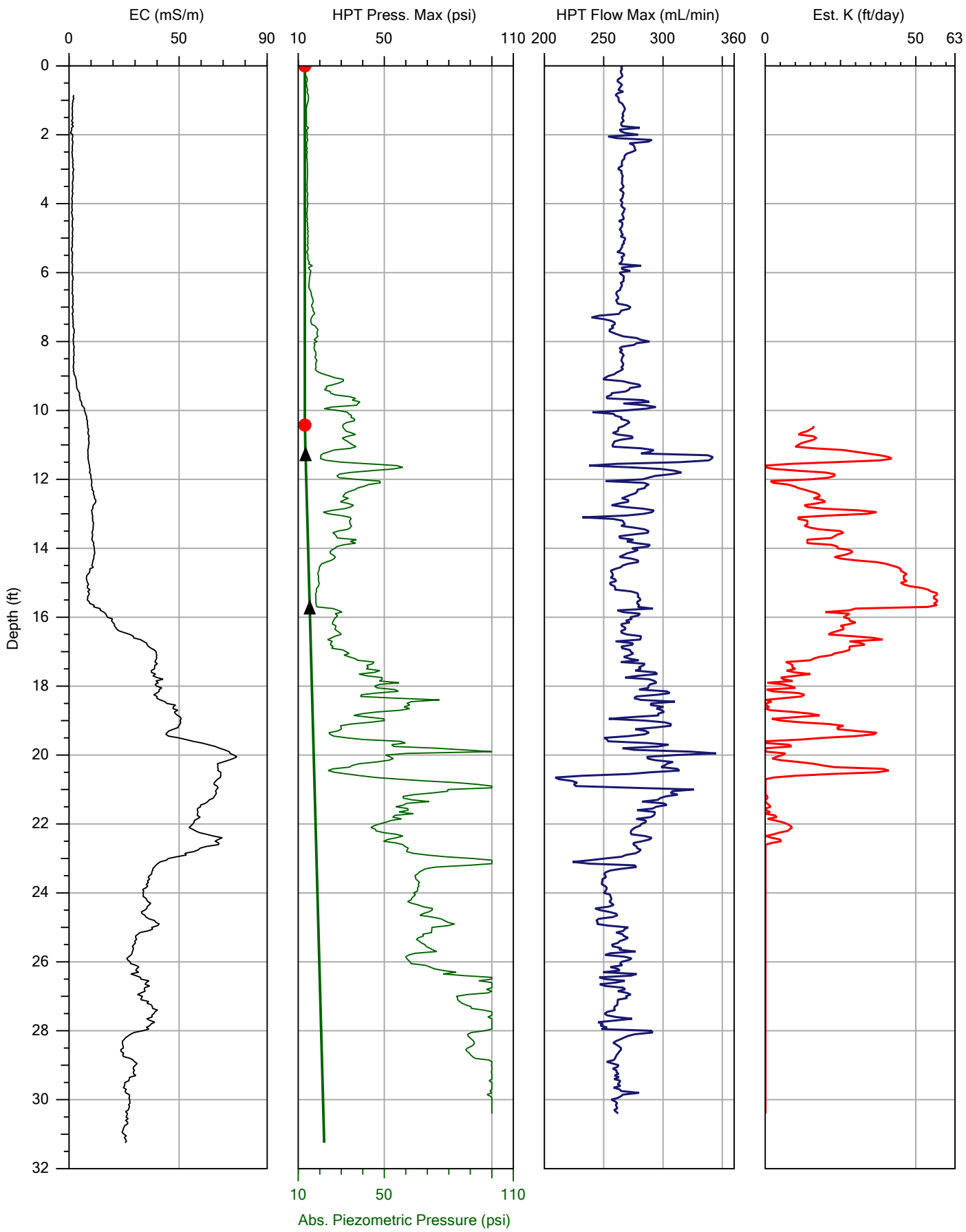

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| | | | File: HPT-111.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/11/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



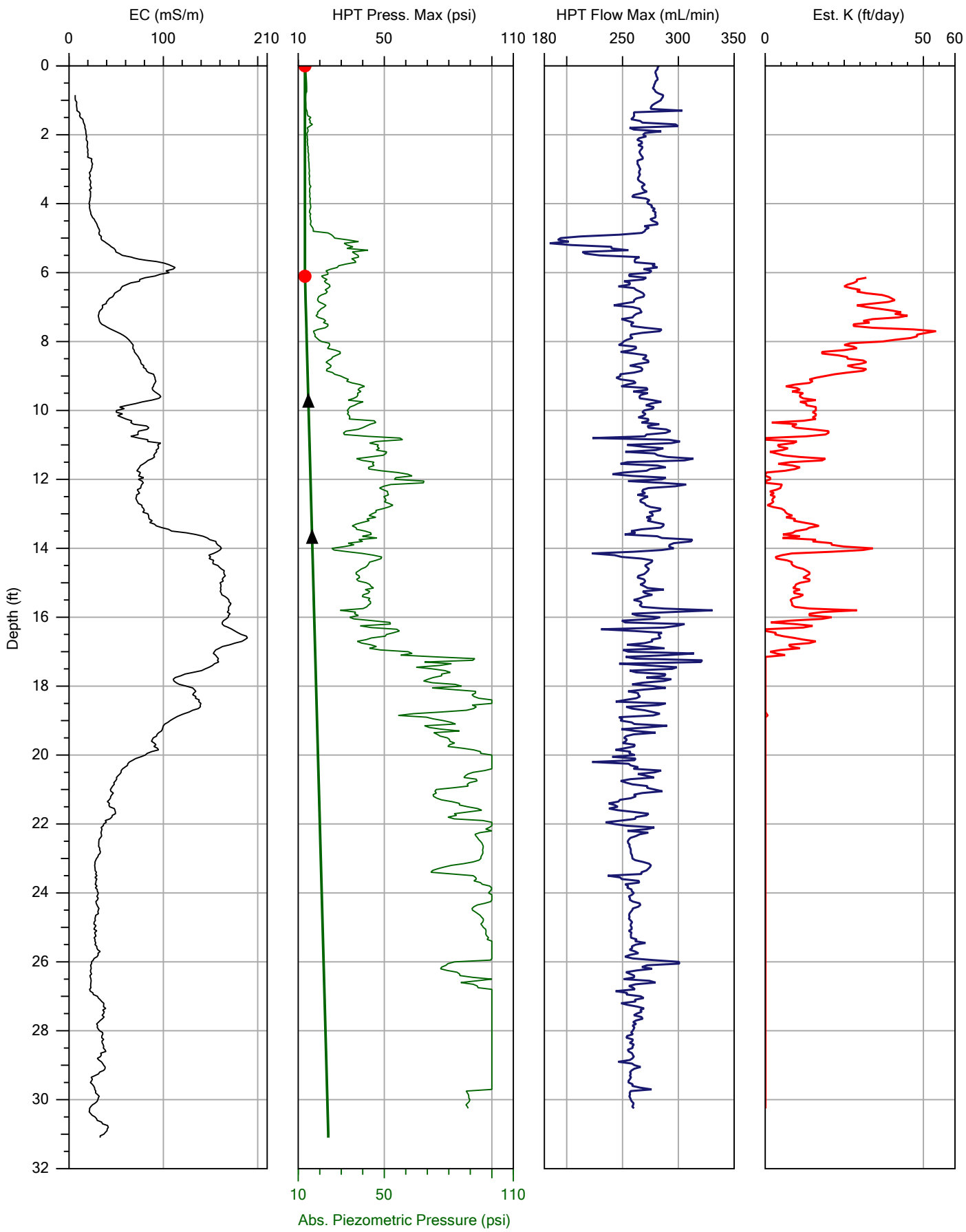

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| | | | File: HPT-112.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/11/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



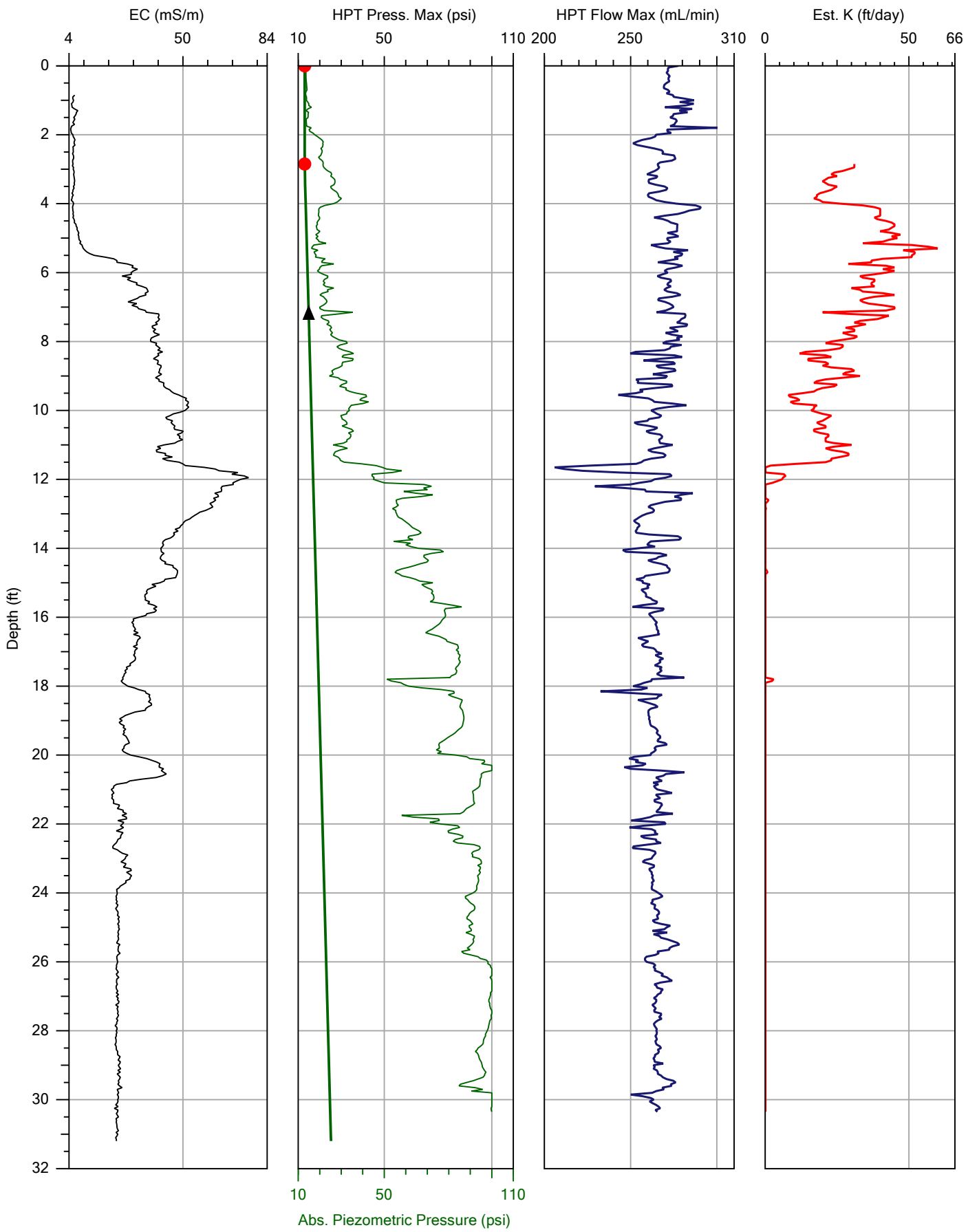

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| | | | File: HPT-113.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/12/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



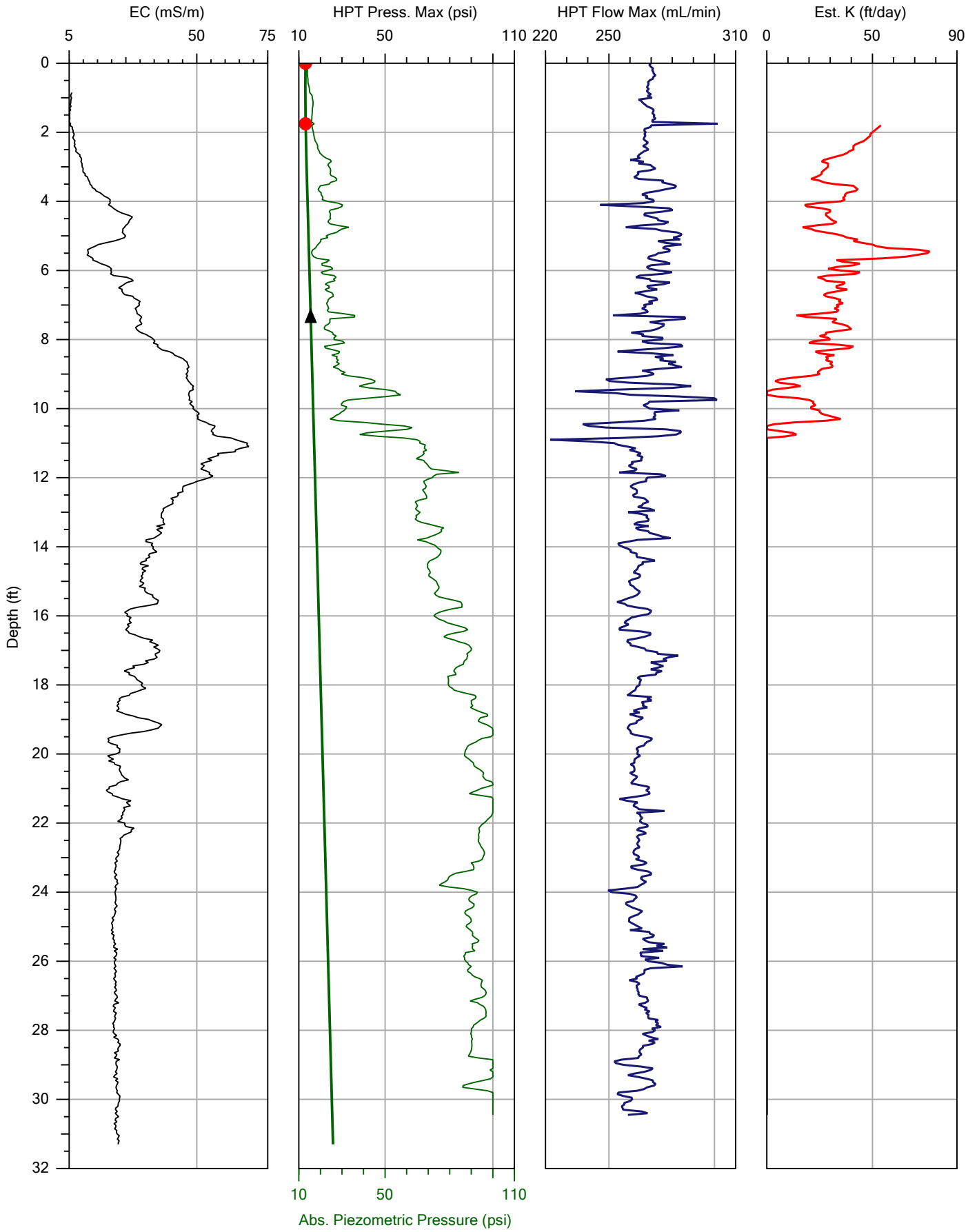

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|---|---|---|---|
| | | | File: HPT-114.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/12/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



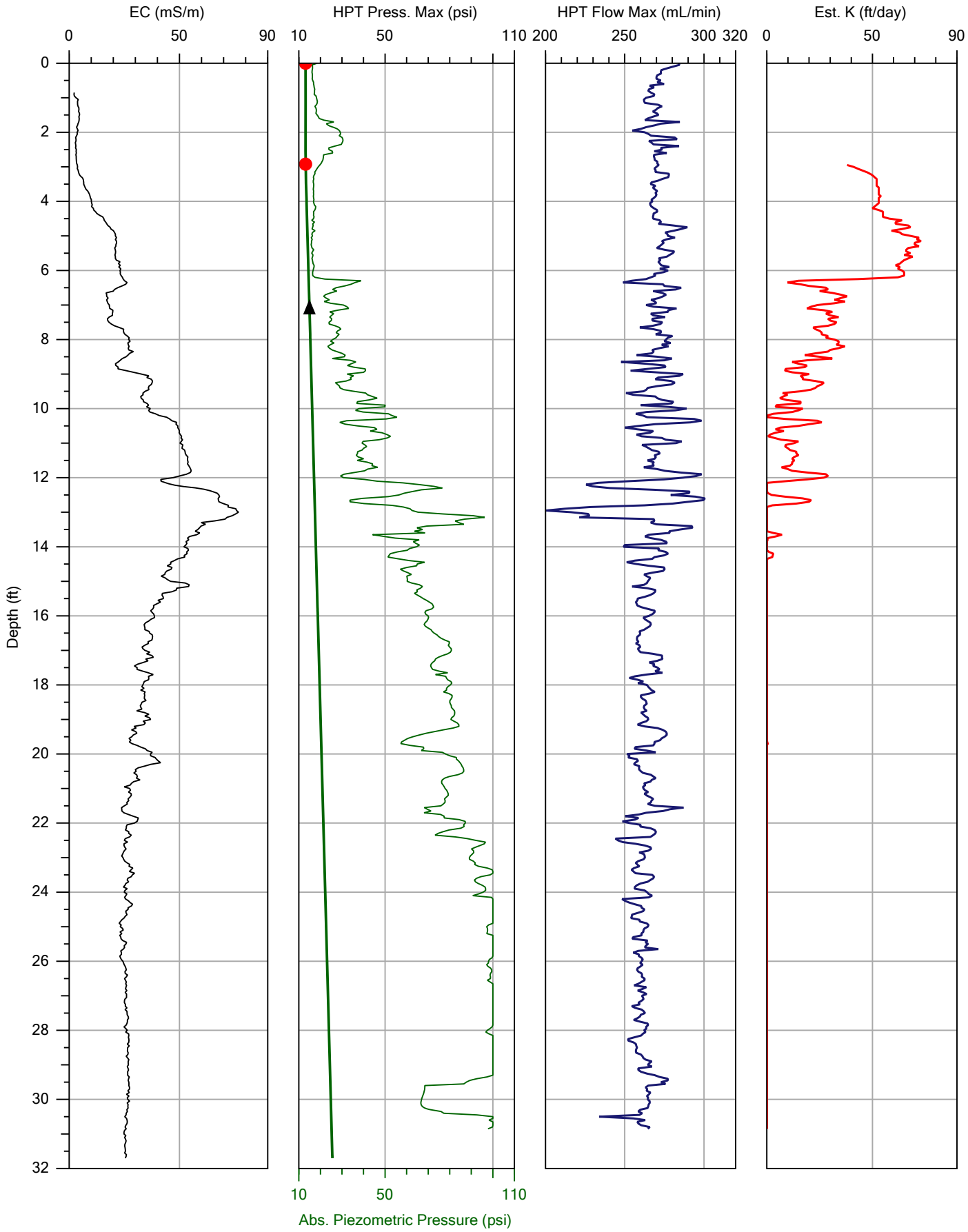

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| | | | File: HPT-115.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/11/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



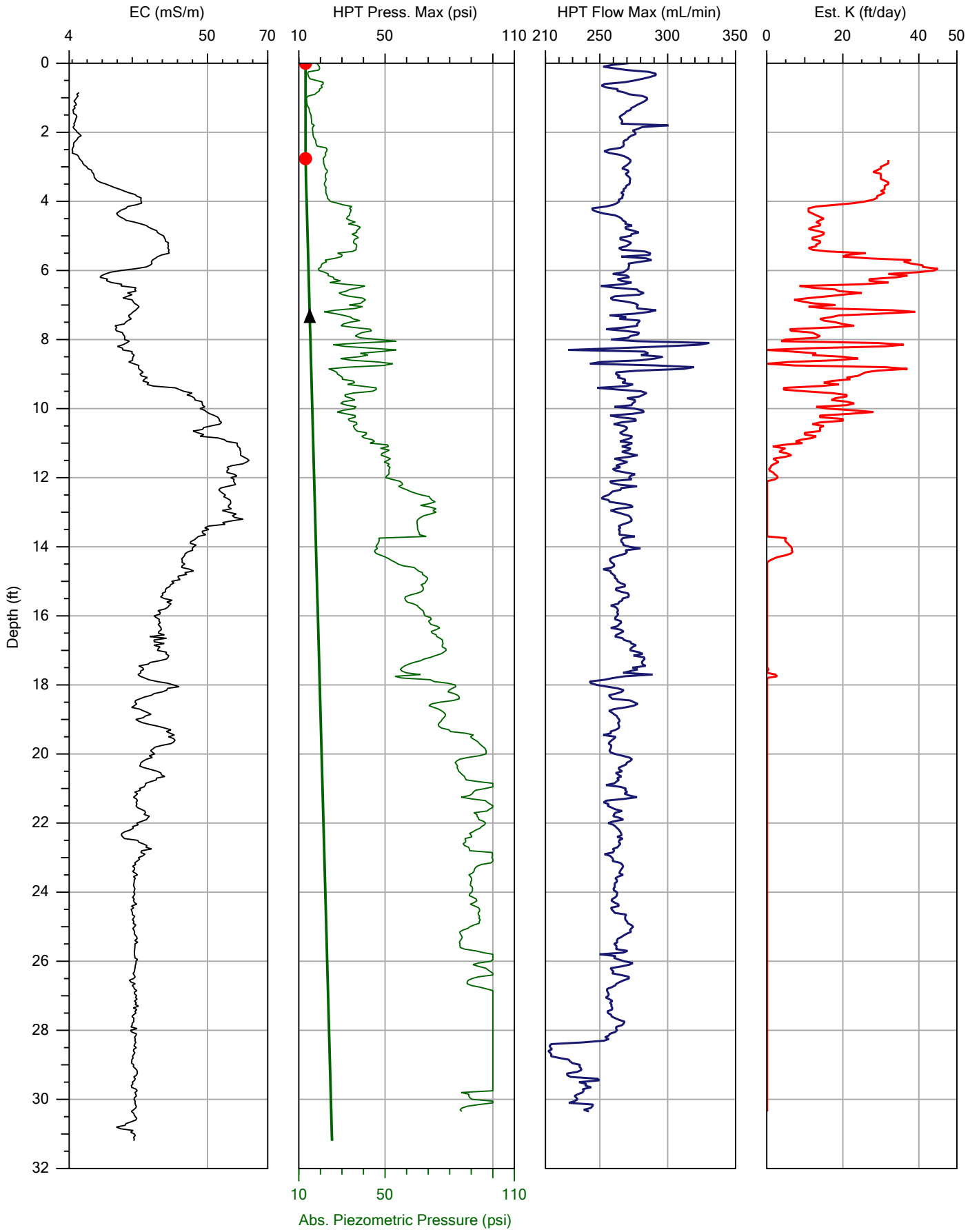

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|---|---|---|---|
| | | | File: HPT-116.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/13/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



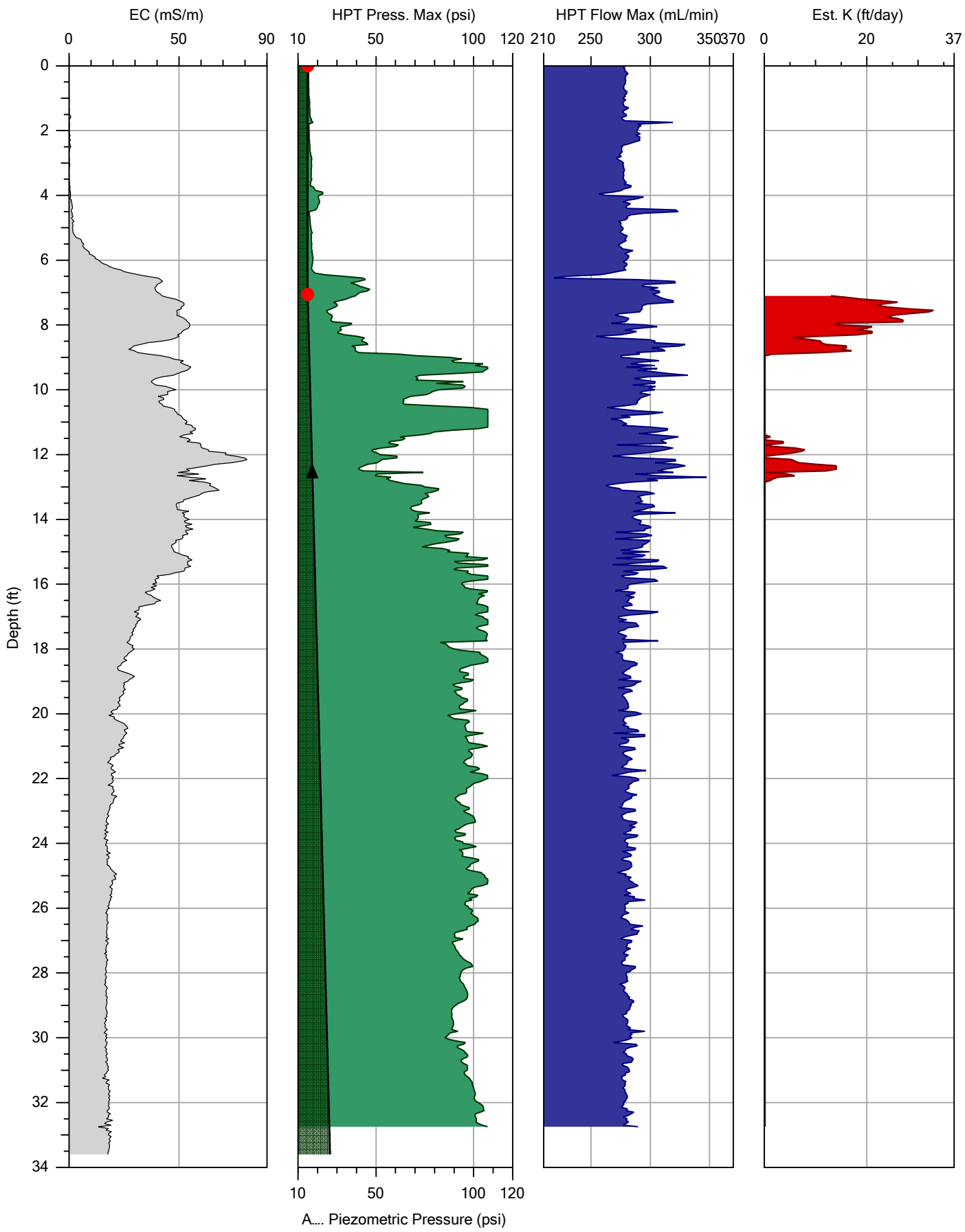

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| | | | File: HPT-117.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/16/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



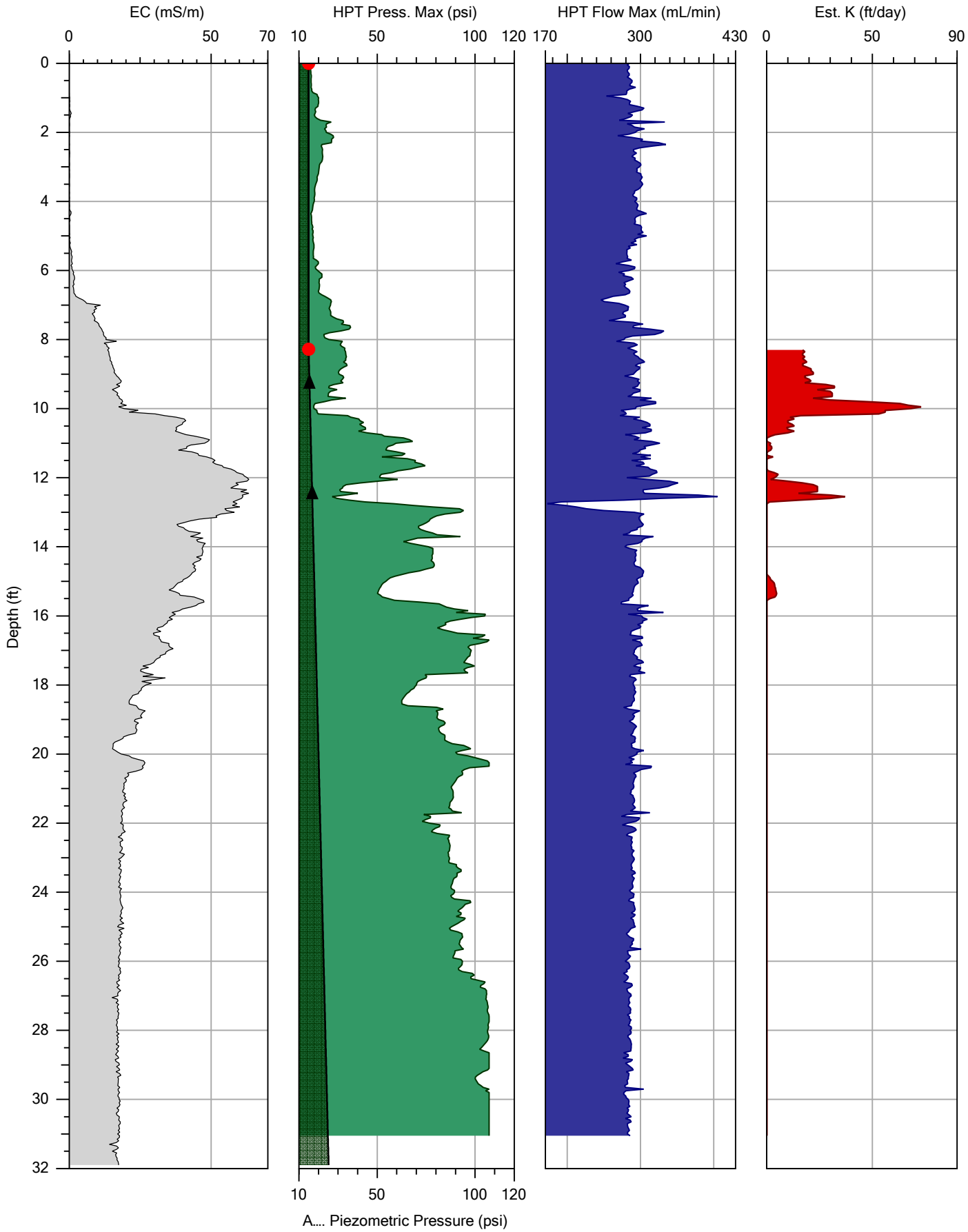

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| | | | File: HPT-118.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/16/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



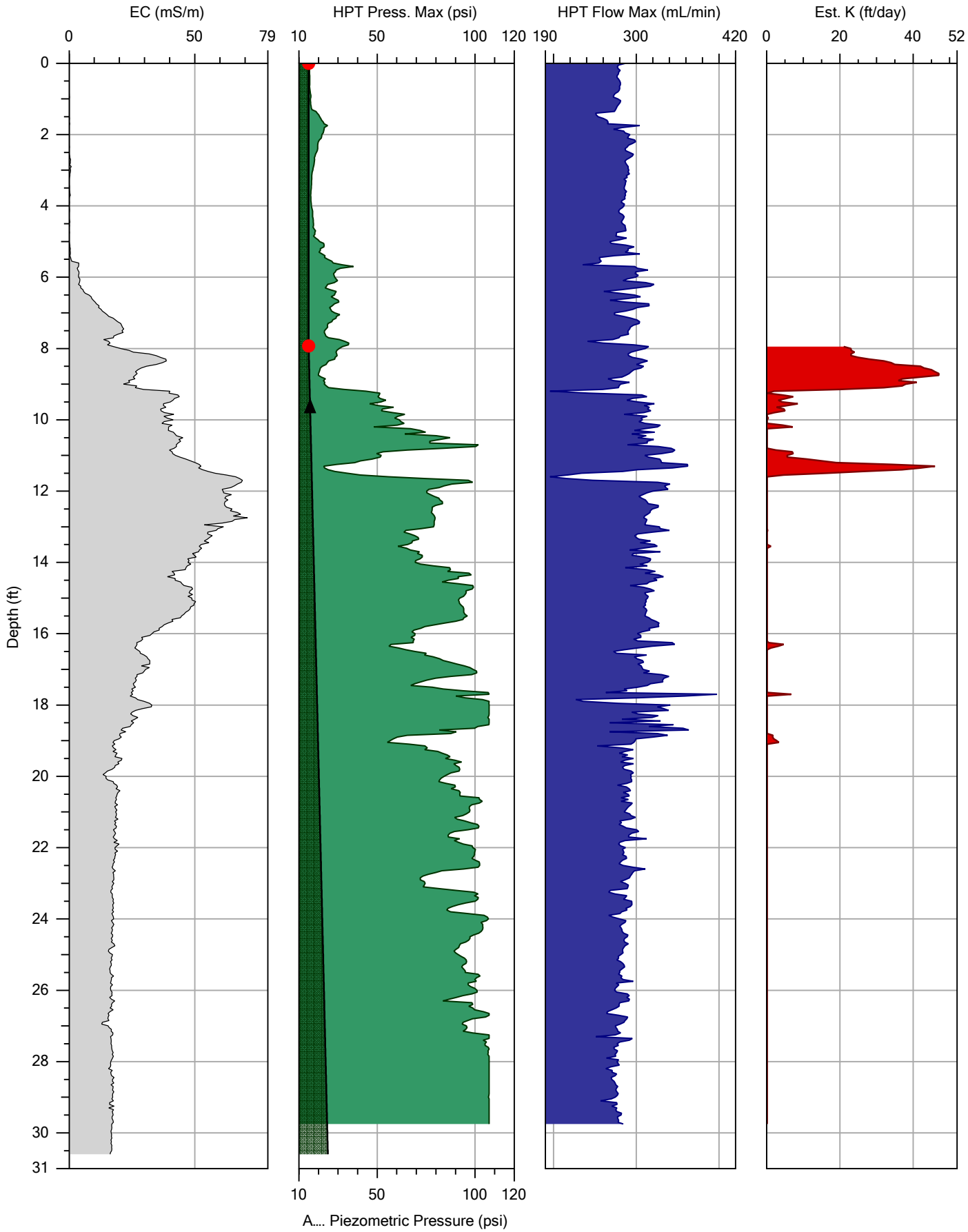

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|---|---|---|---|
| | | | File: HPT-119.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/16/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |



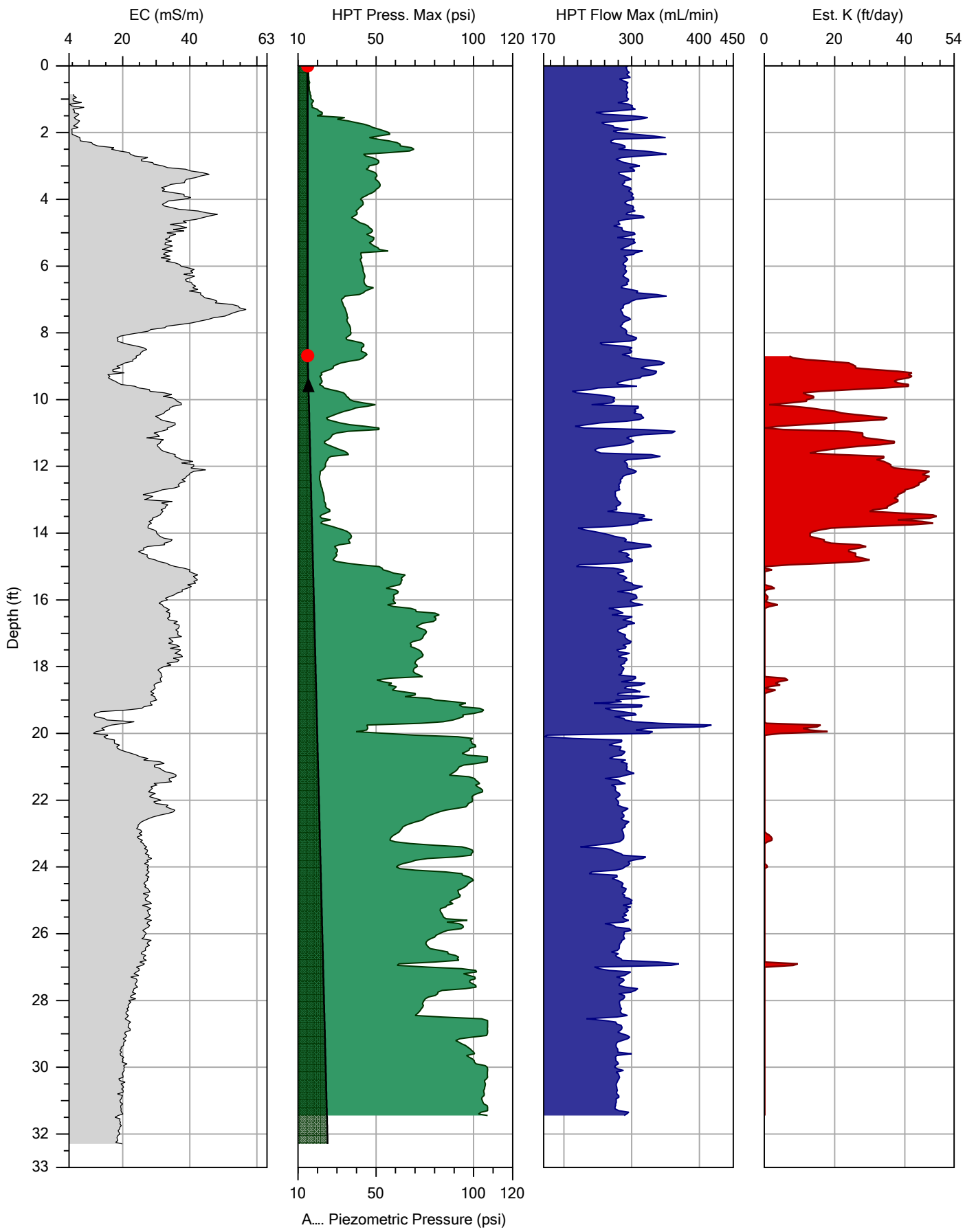

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|---|---|---|---|
| | | | File: HPT-131.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/18/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



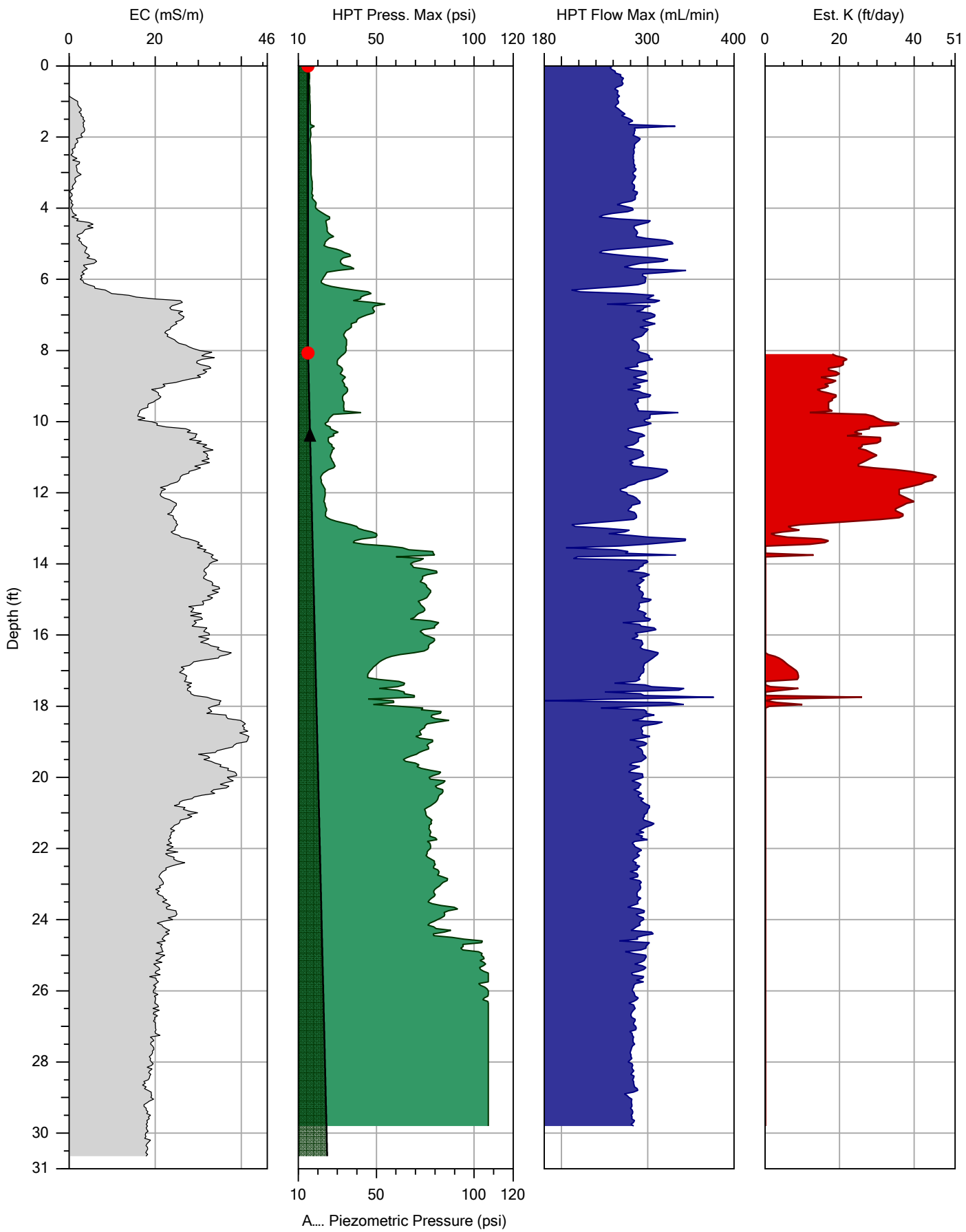

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|---|---|---|---|
| | | | File: HPT-132.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/18/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



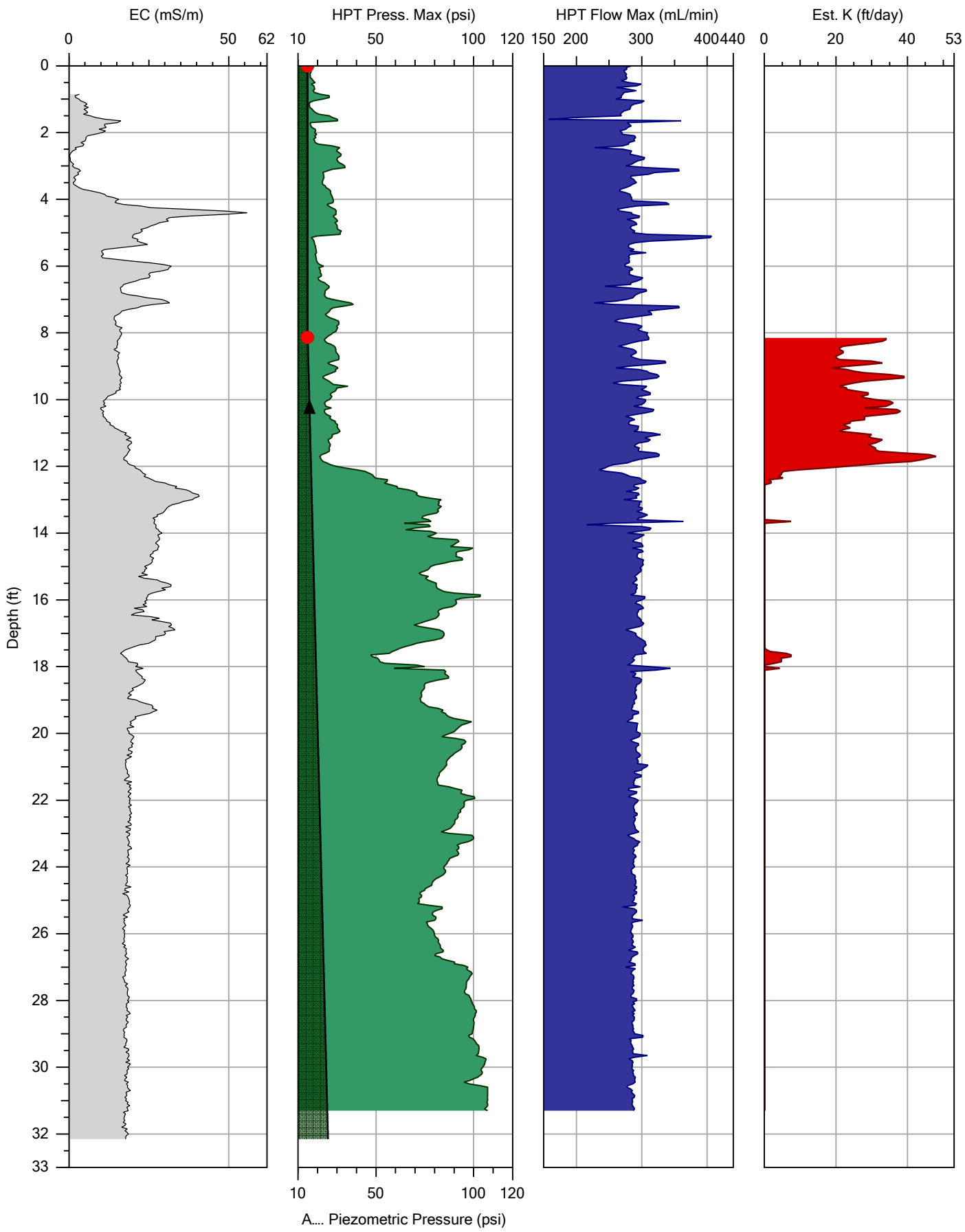

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|---|---|---|---|
| | | | File: HPT-133.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/18/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



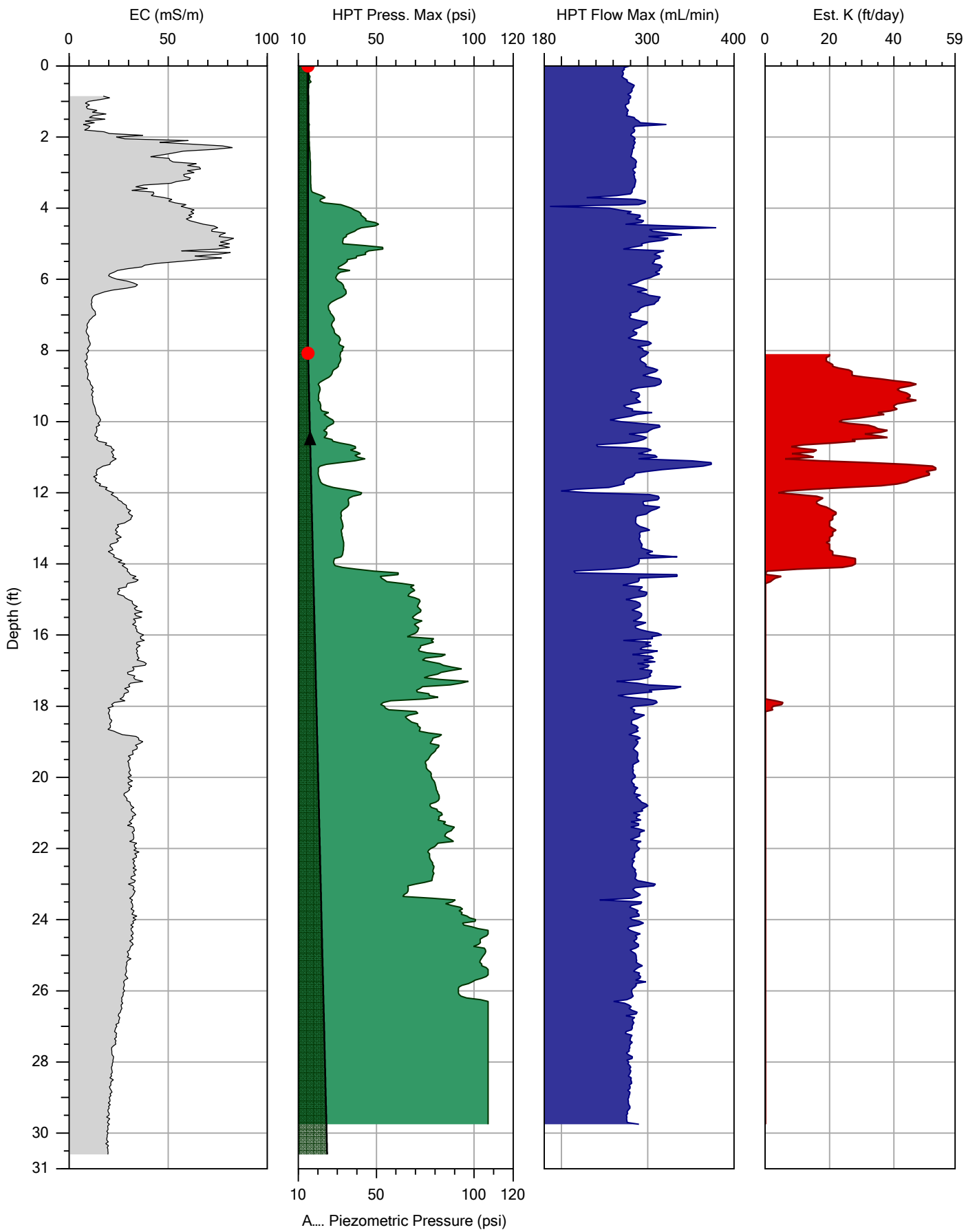

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|---|---|---|---|
| | | | File: HPT-134.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/18/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



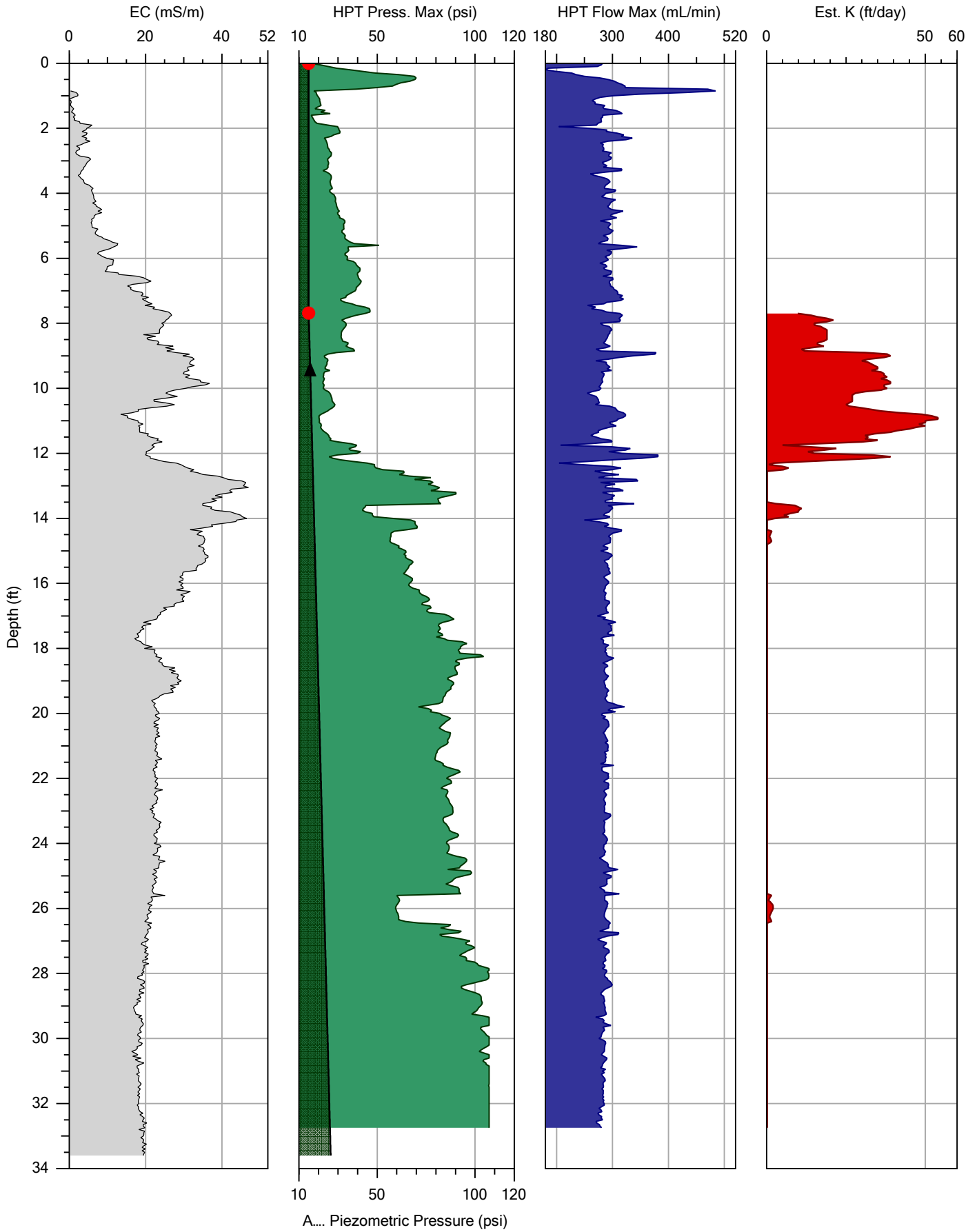

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|---|---|---|---|
| | | | File: HPT-135.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/19/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



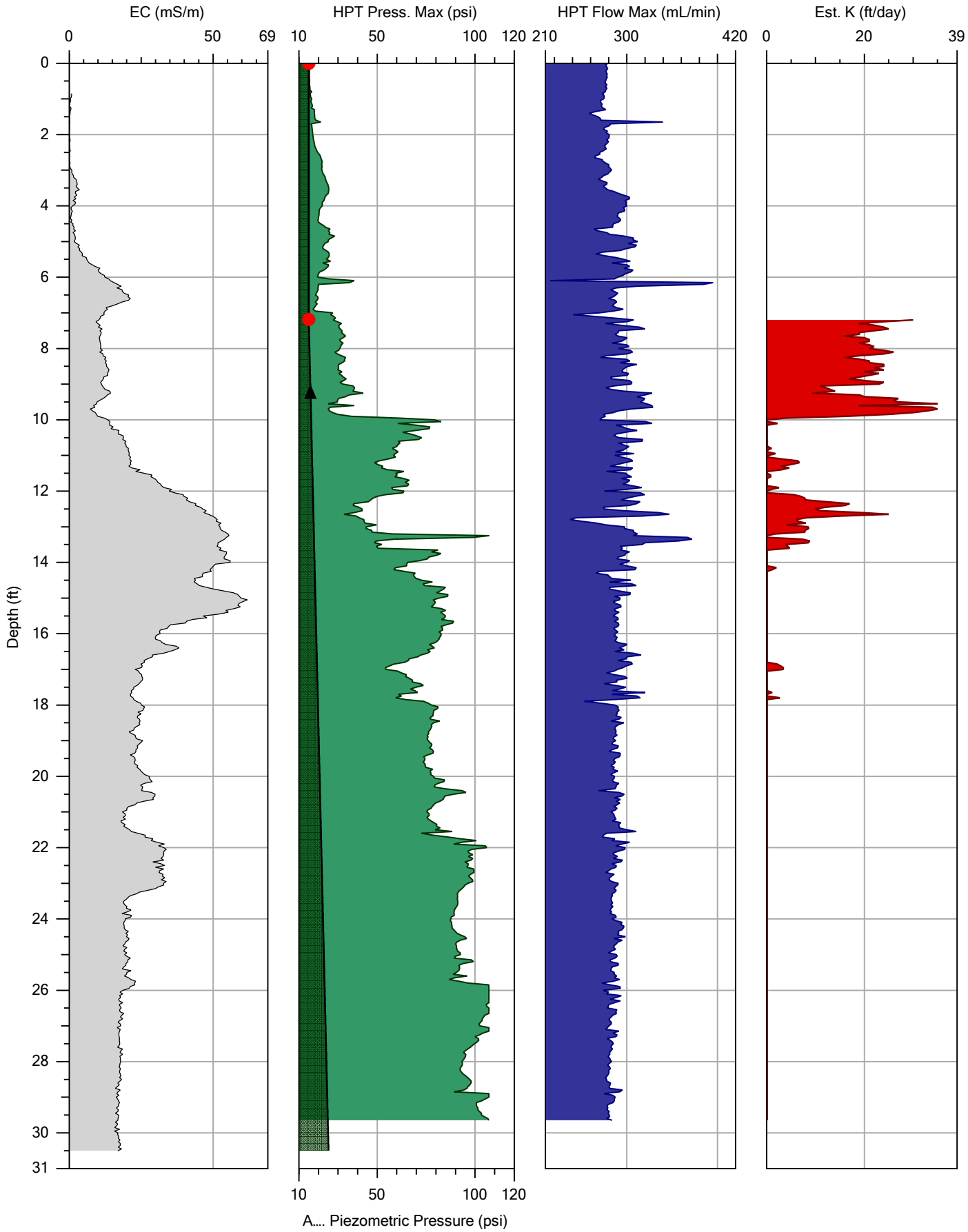

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|---|---|---|---|
| | | | File: HPT-136.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/19/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



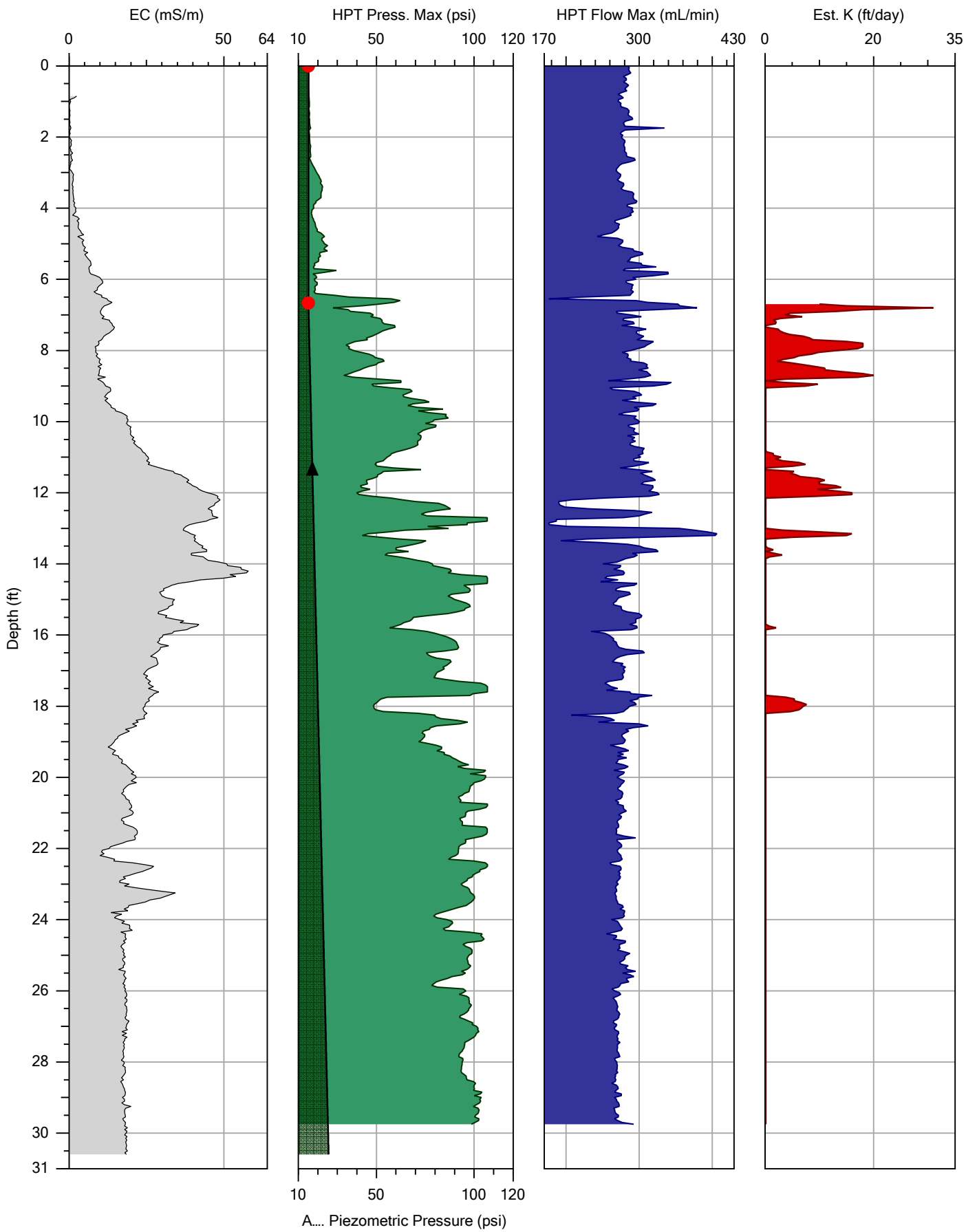

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|---|---|---|---|
| | | | File: HPT-137.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/19/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



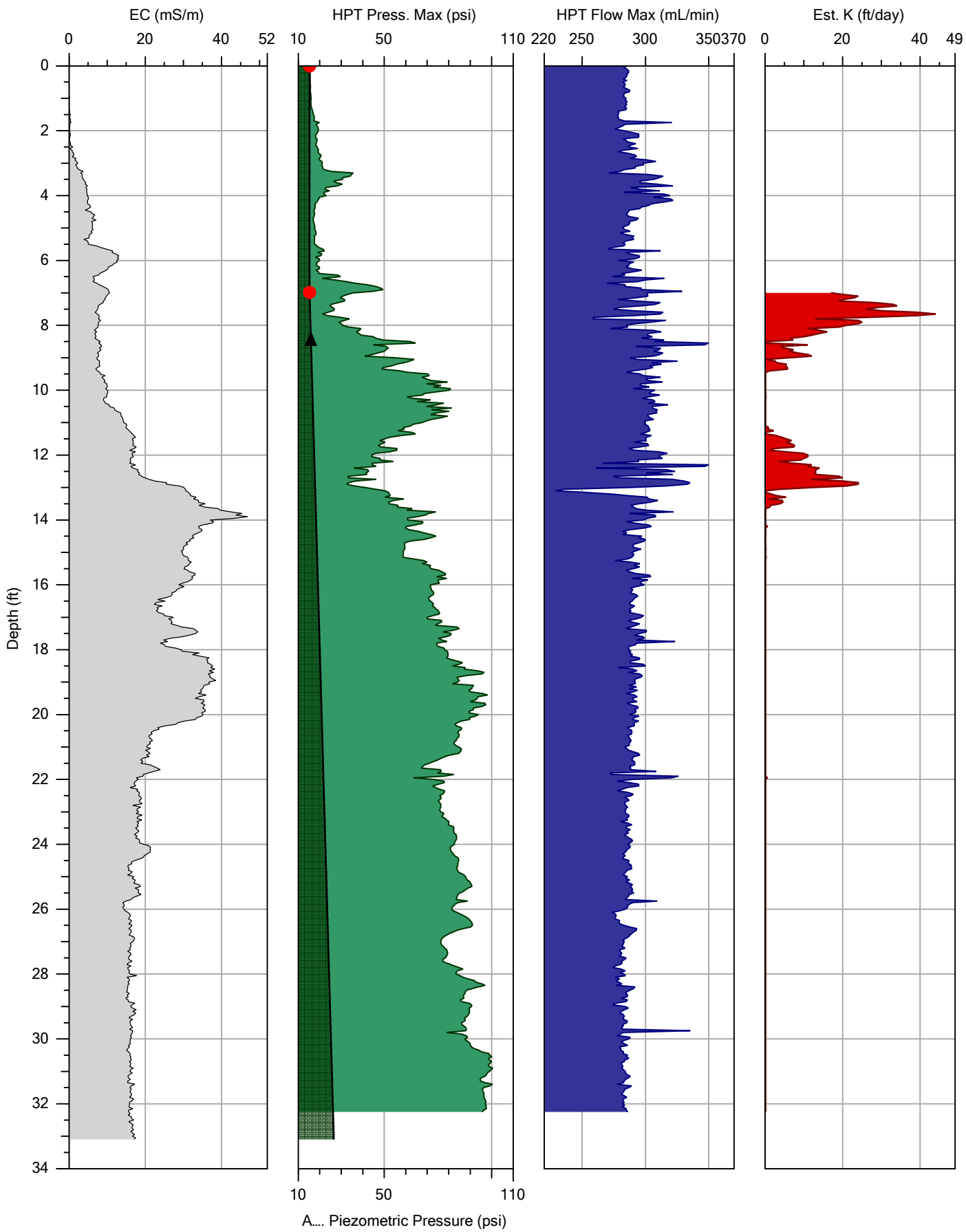

| | | | |
|---|---|---|---|
| | | | File: HPT-138.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/19/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



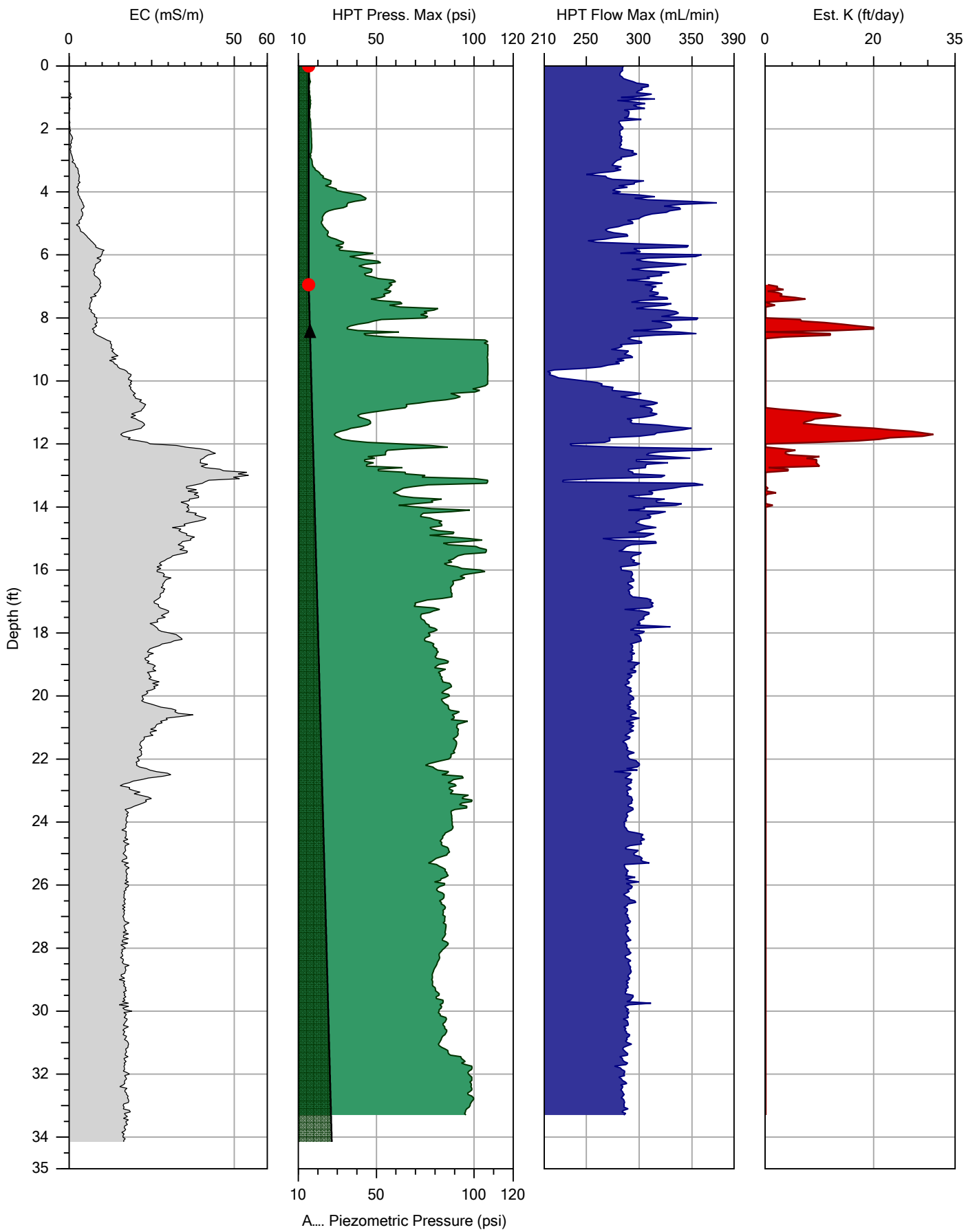

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|---|---|---|---|
| | | | File: HPT-139.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/19/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



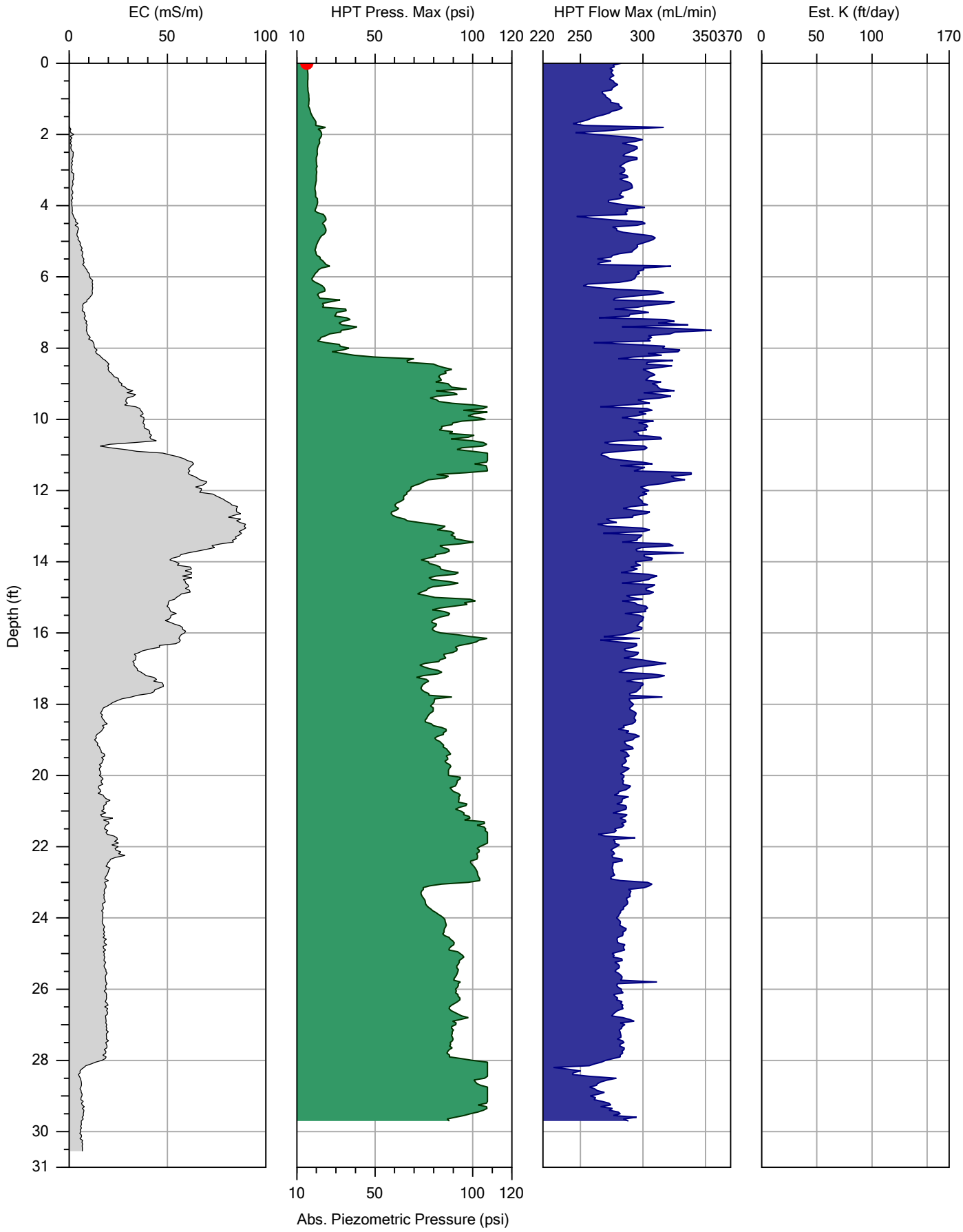

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|---|---|---|---|
| | | | File: HPT-140.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/19/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



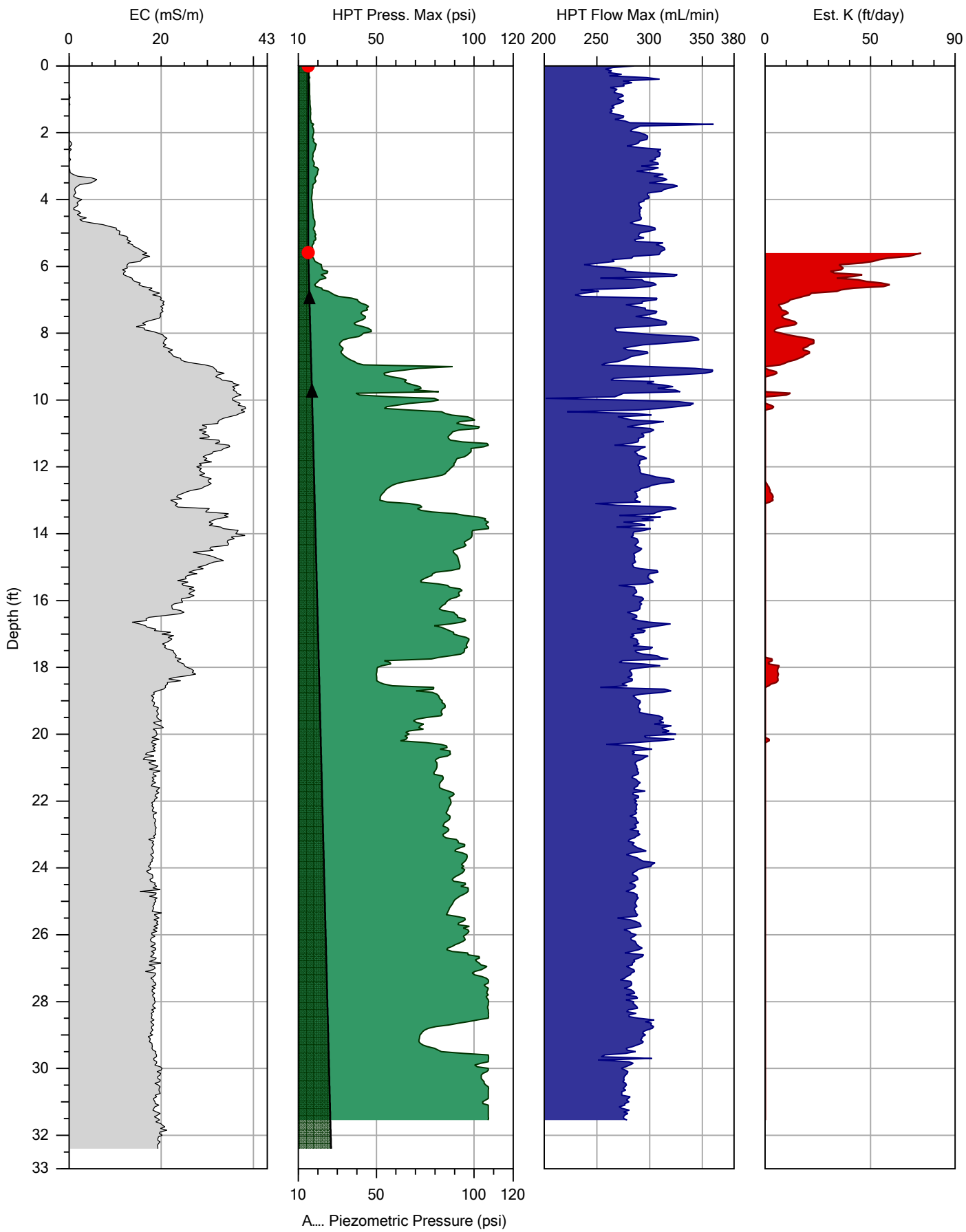

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|---|---|---|---|
| | | | File: HPT-141.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/20/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



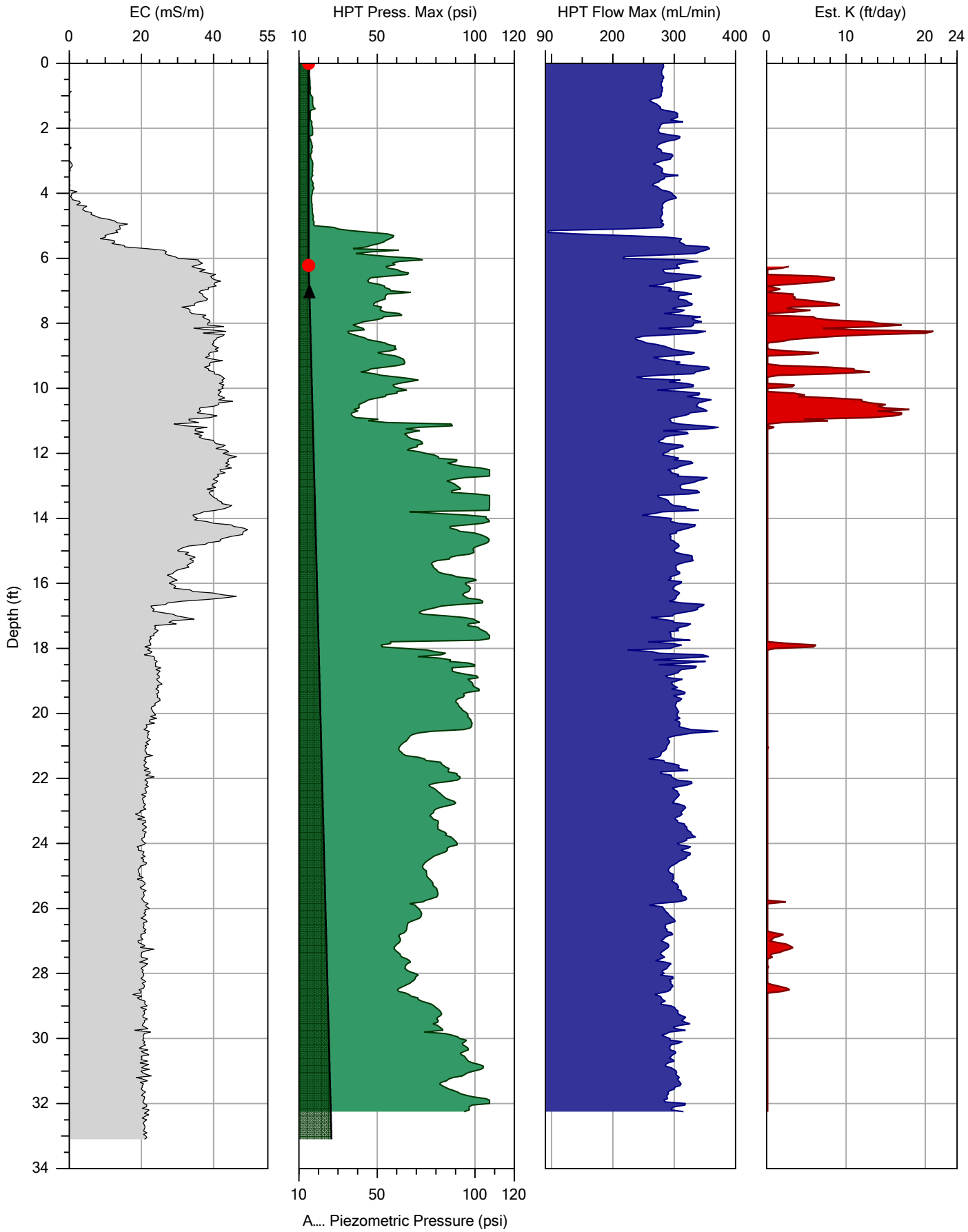

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|---|---|---|
| | | File: HPT-142.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/20/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |



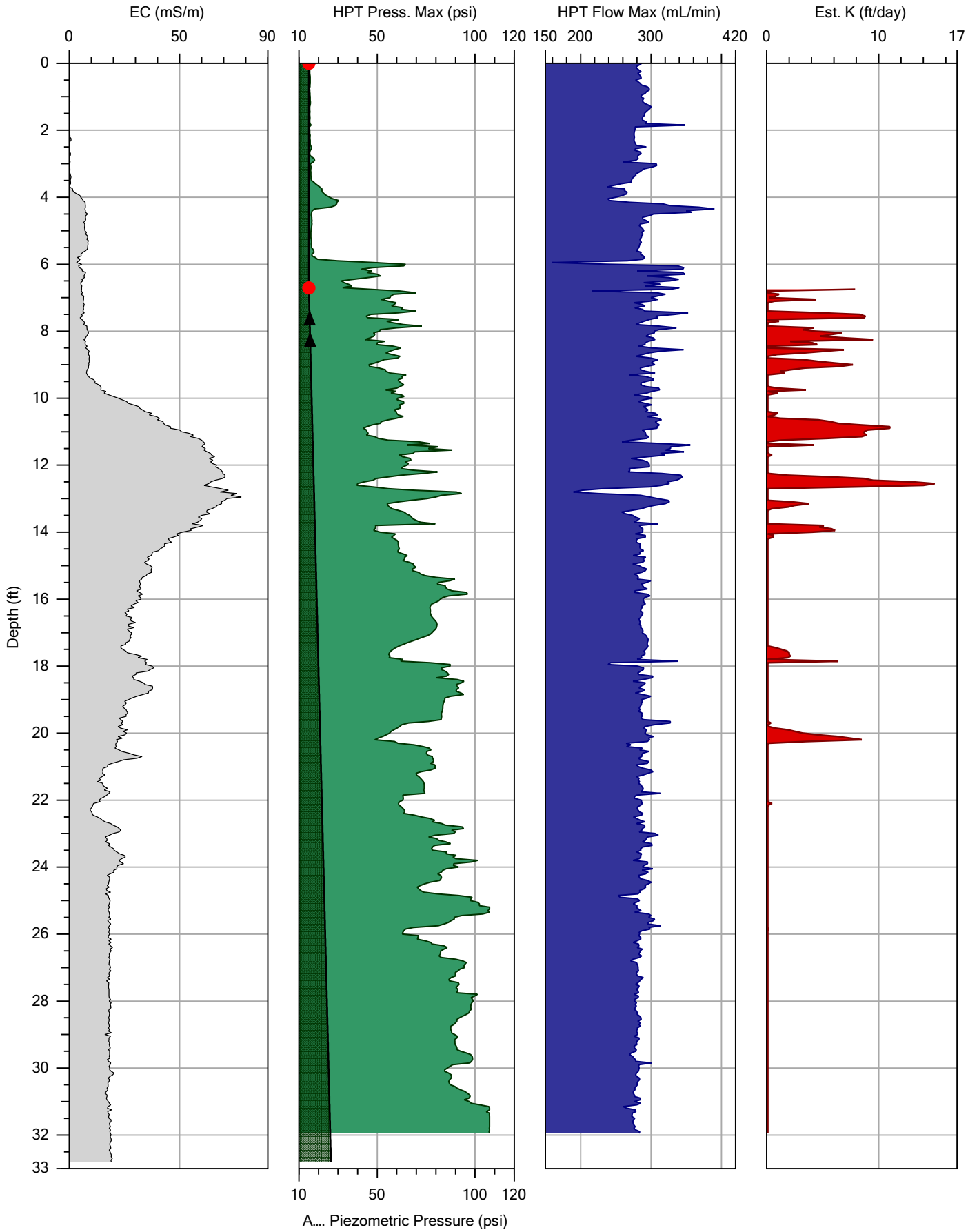

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|---|---|---|---|
| | | | File: HPT-143.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/21/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



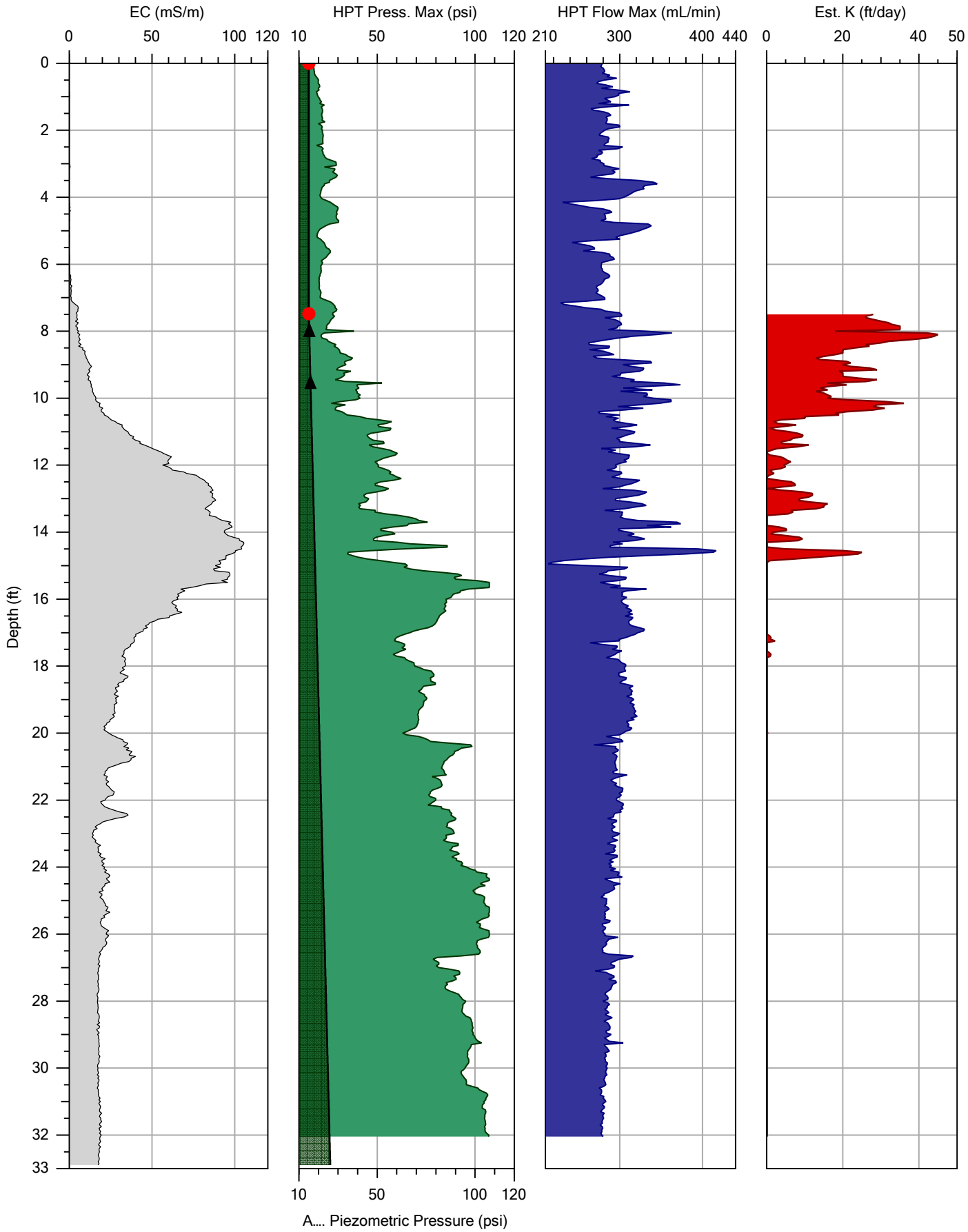

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|---|---|---|---|
| | | | File: HPT-144.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/21/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



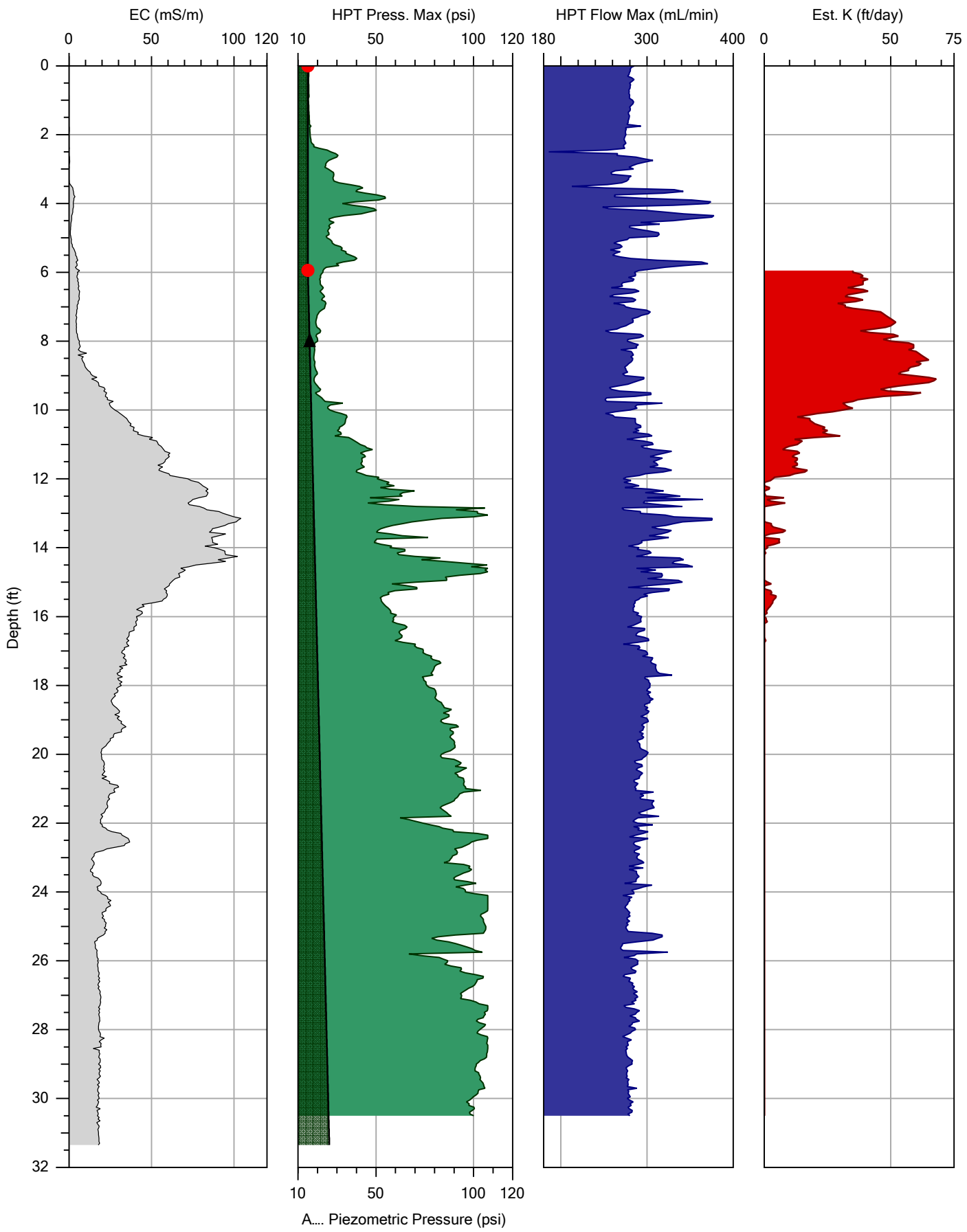

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|---|---|---|---|
| | | | File: HPT-145.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/28/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



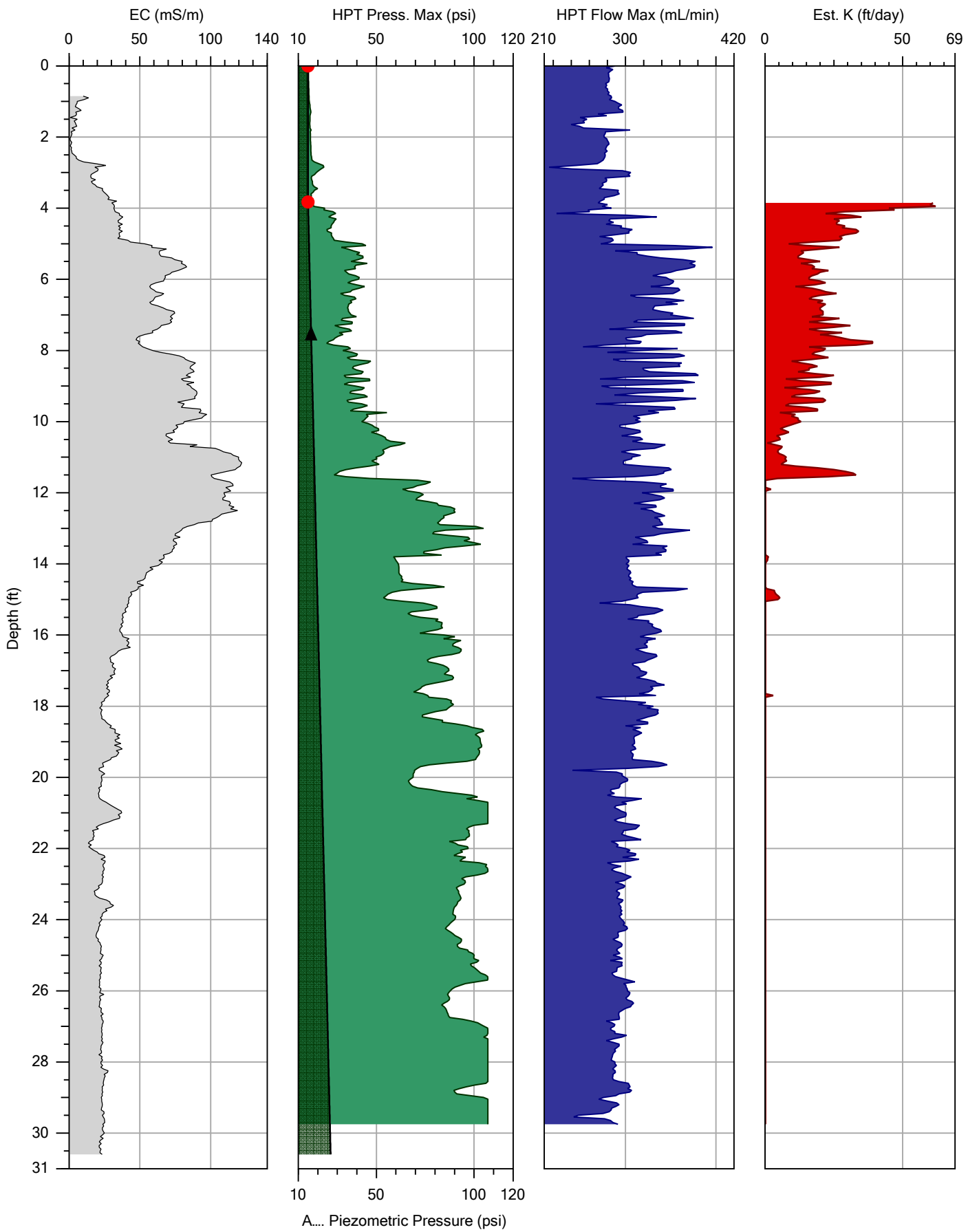

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|---|---|---|---|
| | | | File: HPT-146.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/21/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



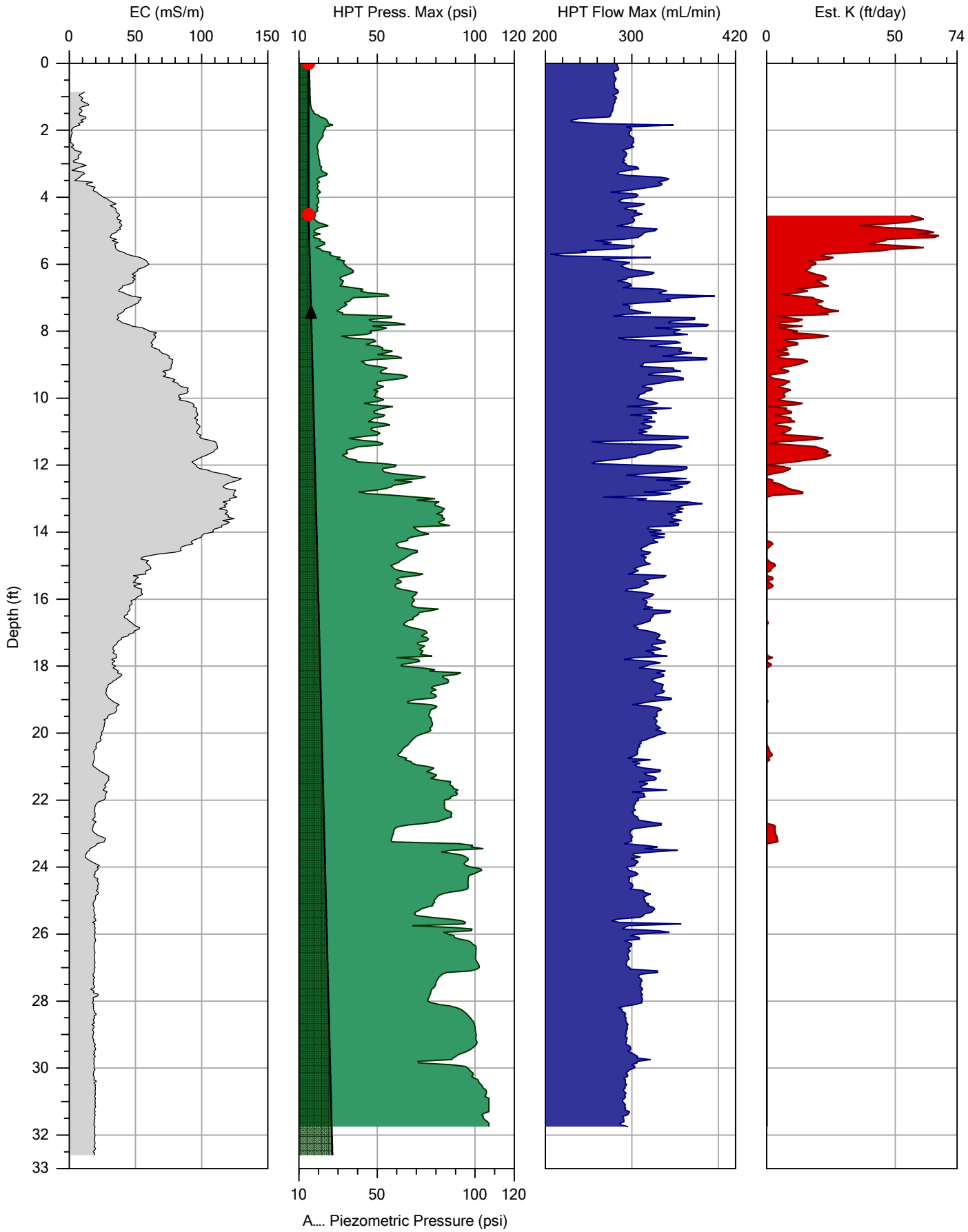

| | | | |
|---|---|---|---|
| | | | File: HPT-147.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/21/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



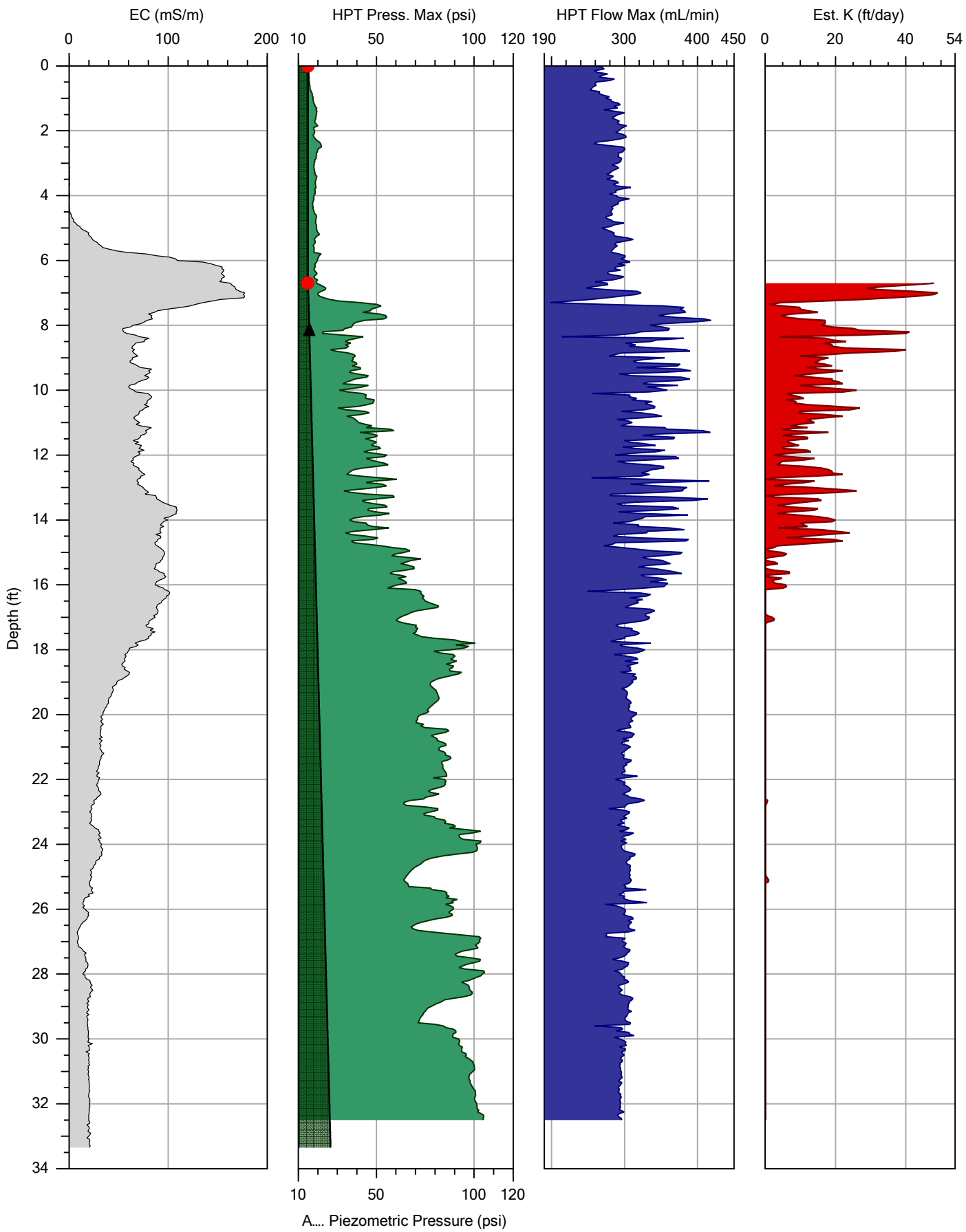

| | | | |
|---|---|---|---|
| | | | File: HPT-148.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/21/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



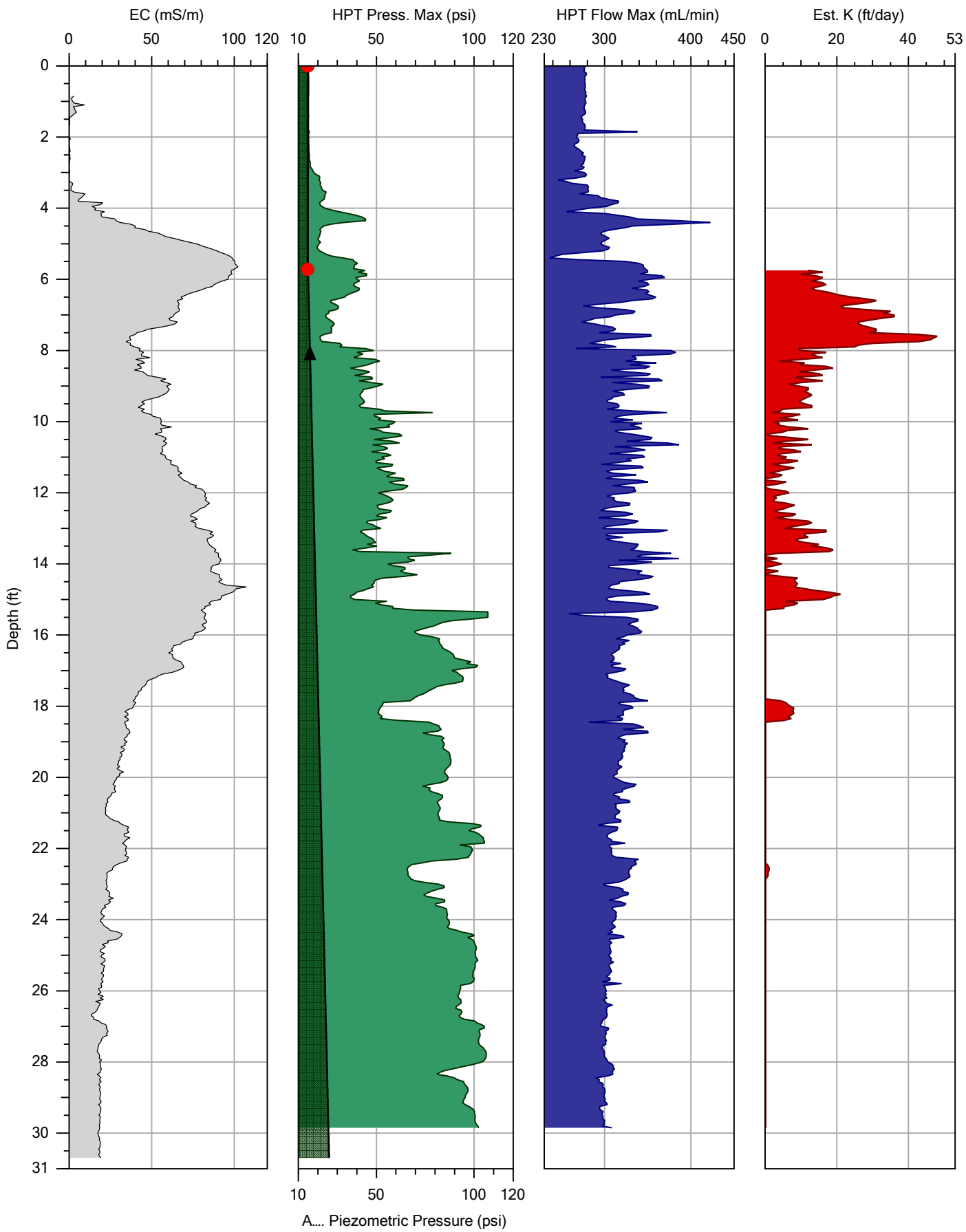

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|---|---|---|---|
| | | | File: HPT-149.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/25/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



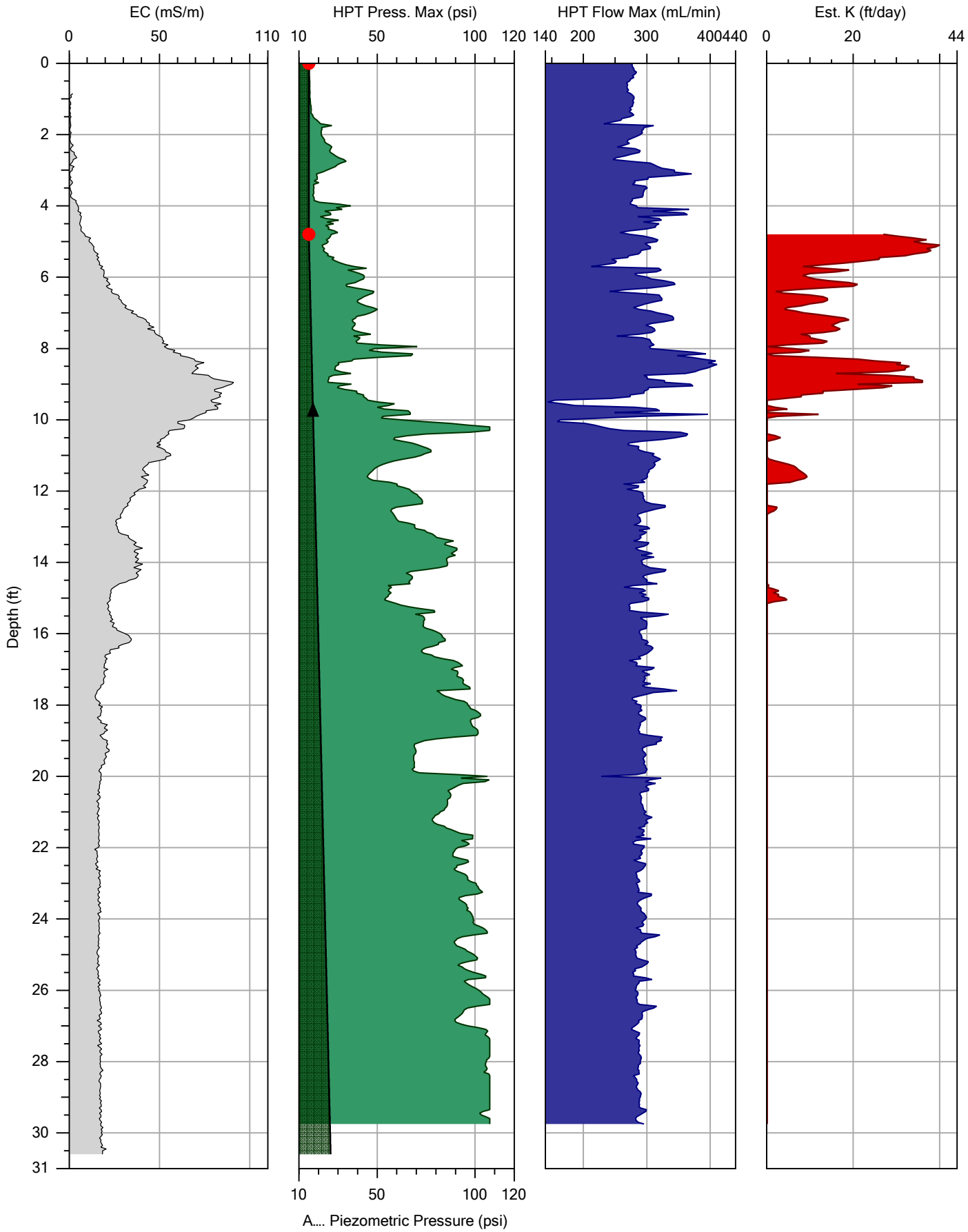

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|---|---|---|---|
| | | | File: HPT-150.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/25/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



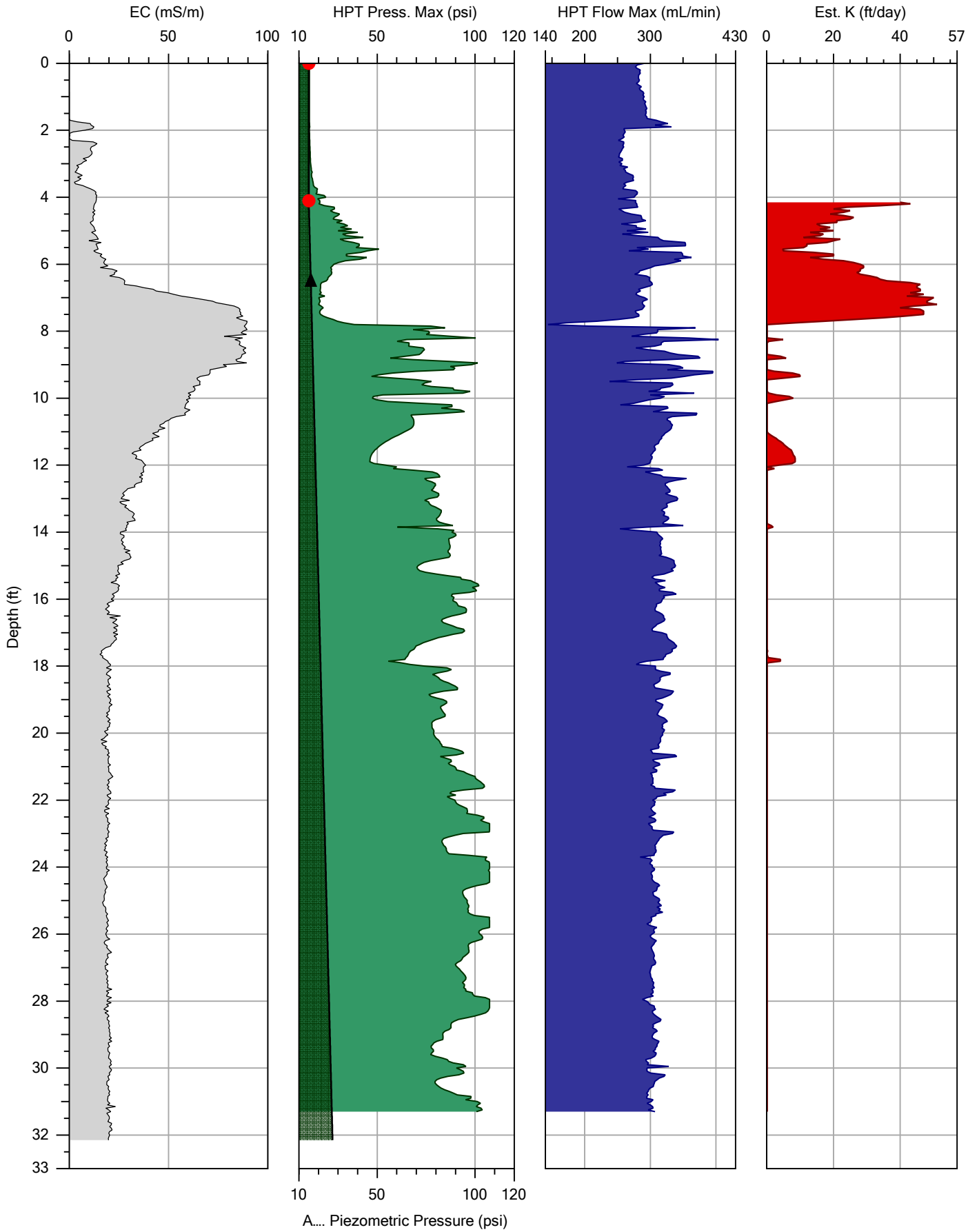

| | | | |
|---|---|---|---|
| | | | File: HPT-151.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/25/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



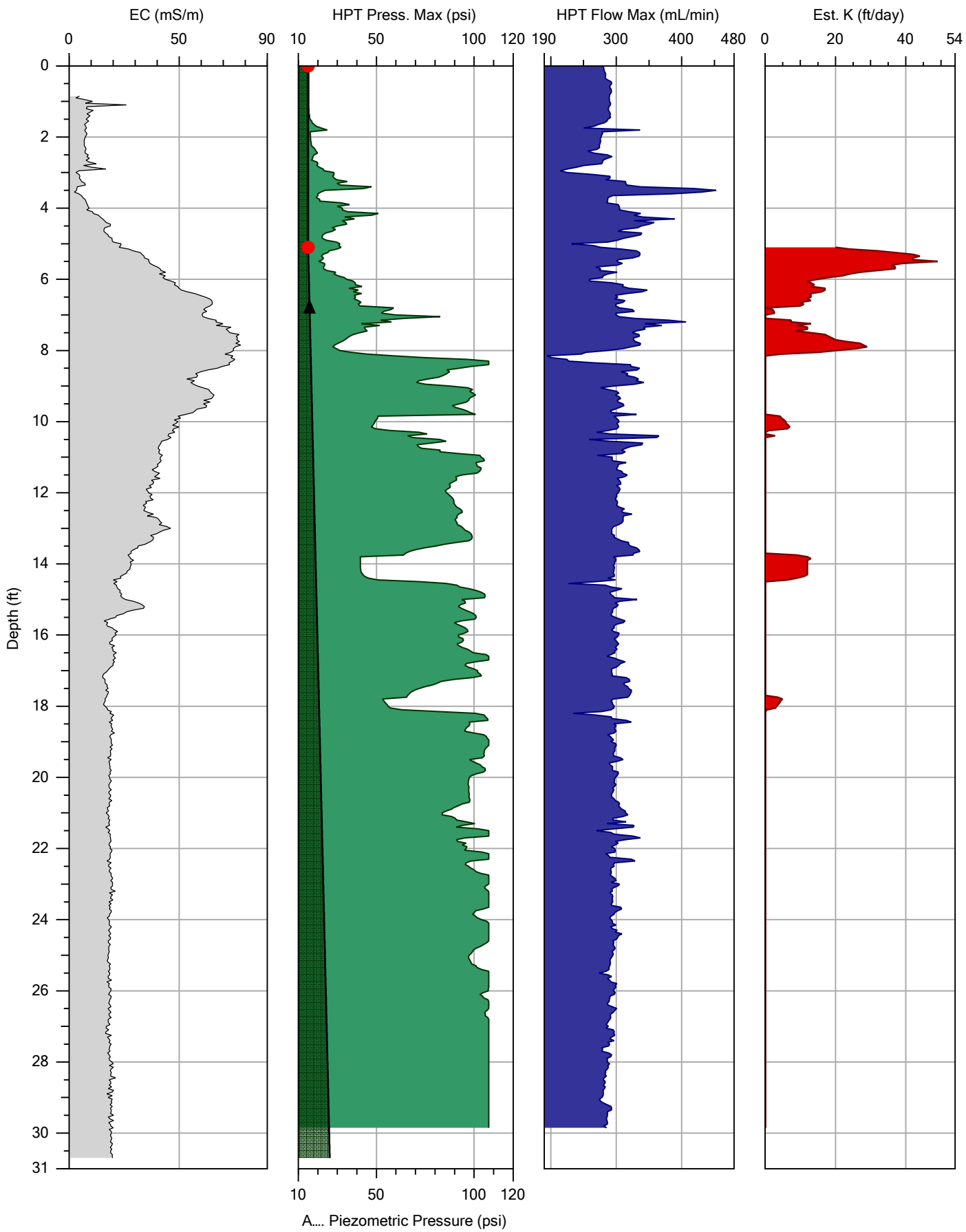

| | | | |
|---|---|---|---|
| | | | File: HPT-152.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/25/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



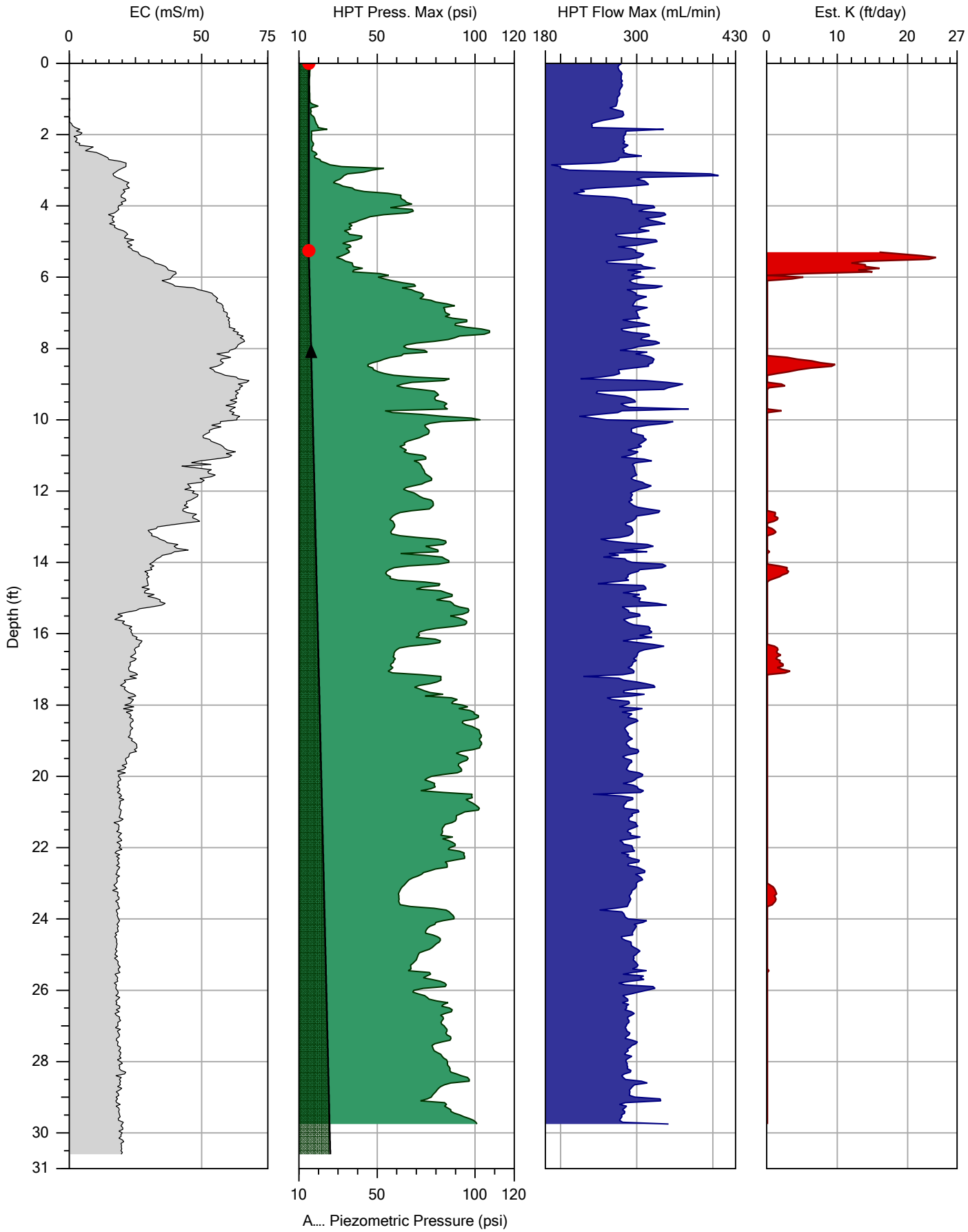

| | | | |
|---|---|---|---|
| | | | File: HPT-168.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/29/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



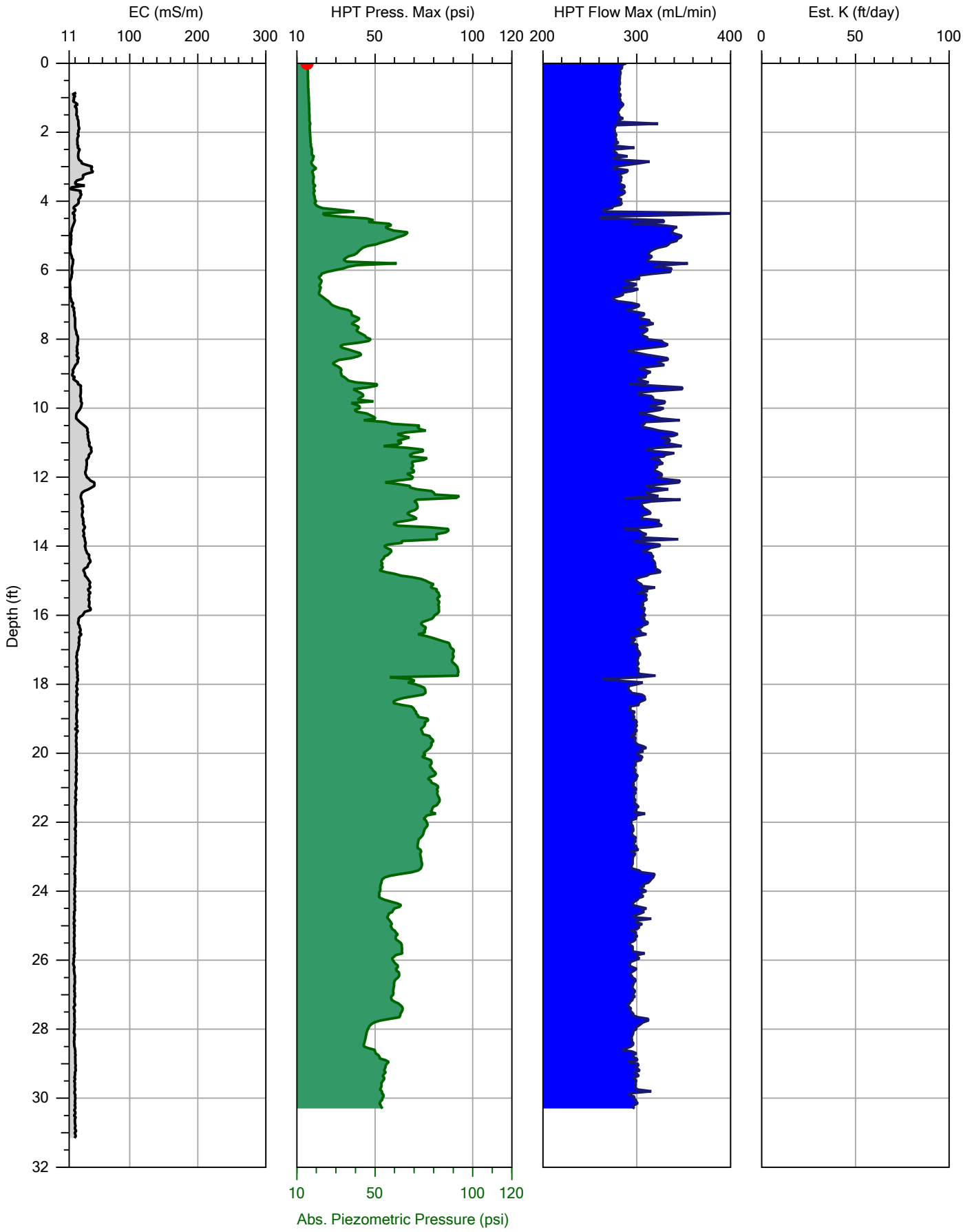

| | | | |
|---|---|---|---|
| | | | File: HPT-169.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/29/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



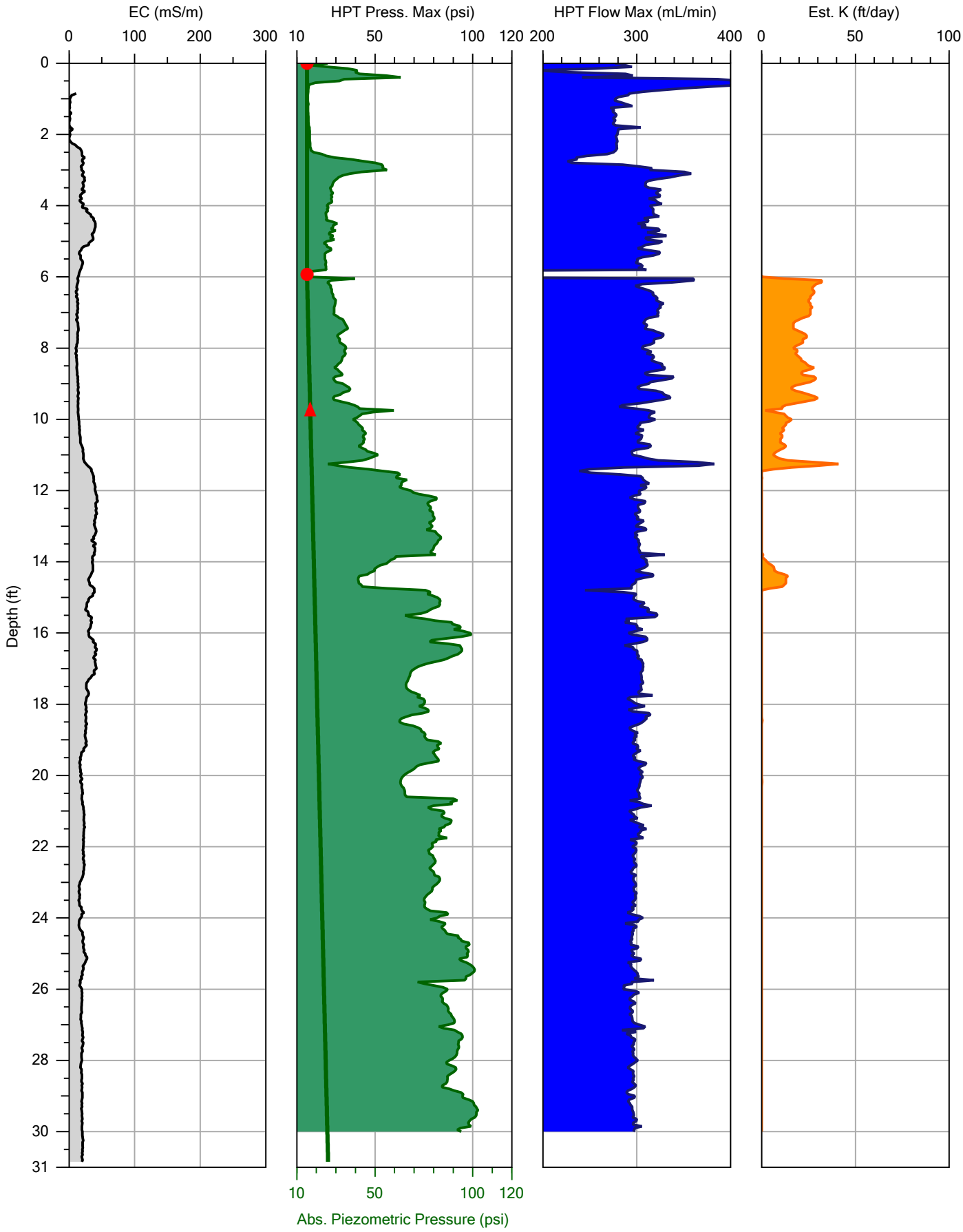

| | | | |
|---|---|---|---|
| | | | File: HPT-170.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/29/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



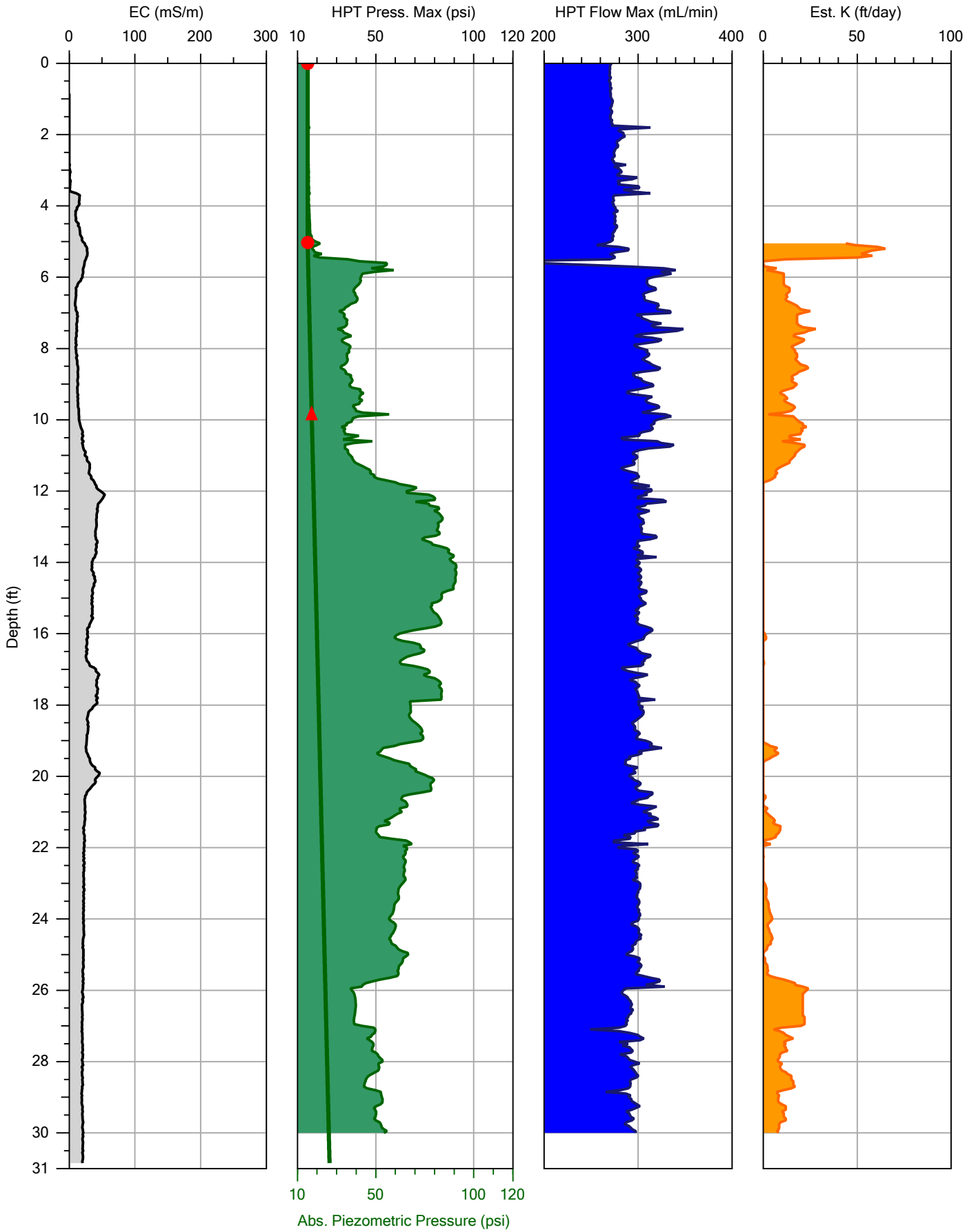

| | | | |
|---|---|---|---|
| | | | File: HPT-171.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/29/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



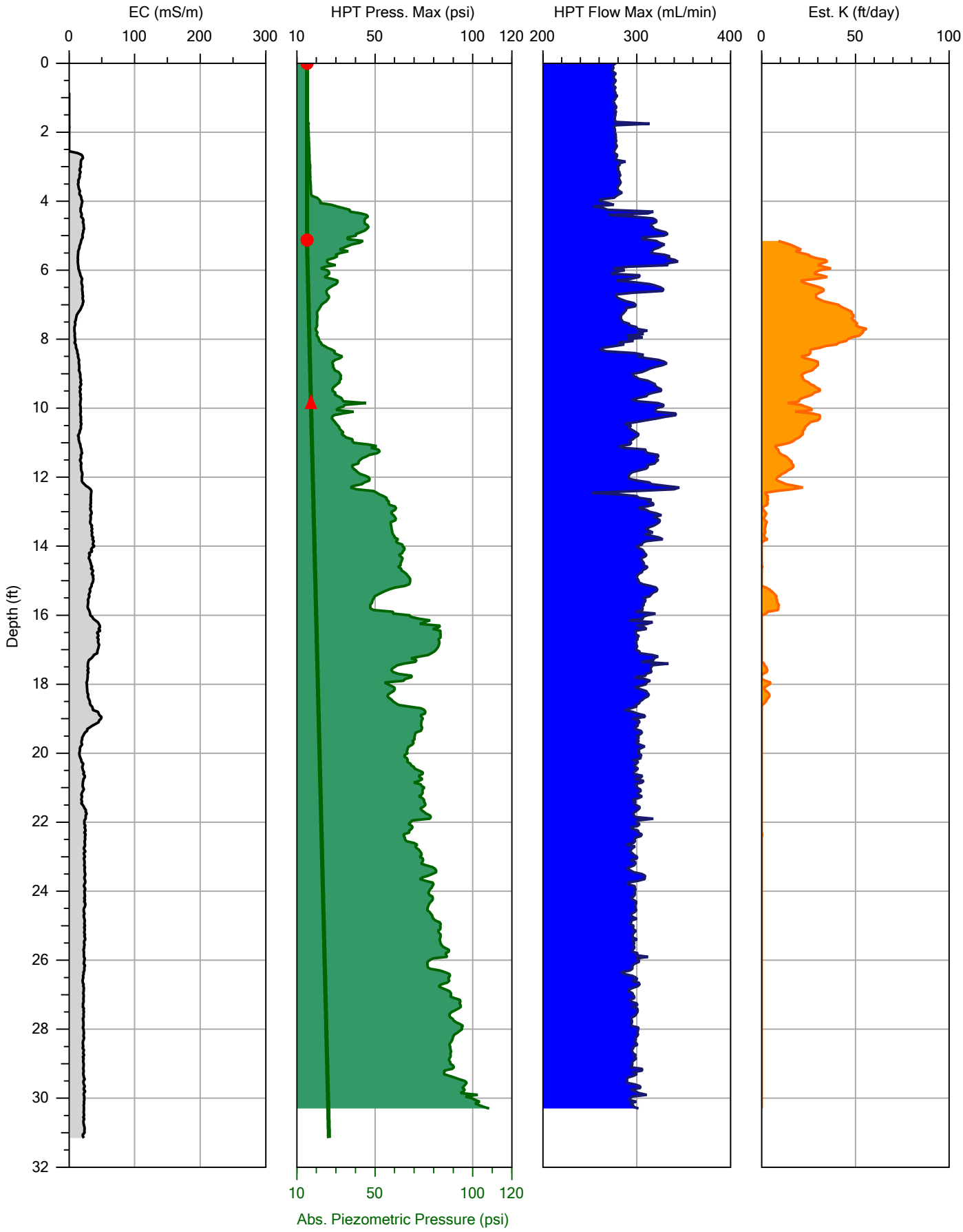

| | | | |
|---|---|---|---|
| | | | File: HPT-194.HPT |
| Company: Dakota Technologies | | Operator: AK/EM | Date: 11/12/2018 |
| Project ID: Ford Livonia Transmission Plant | | Client: Arcadis | Location: Livonia, MI |



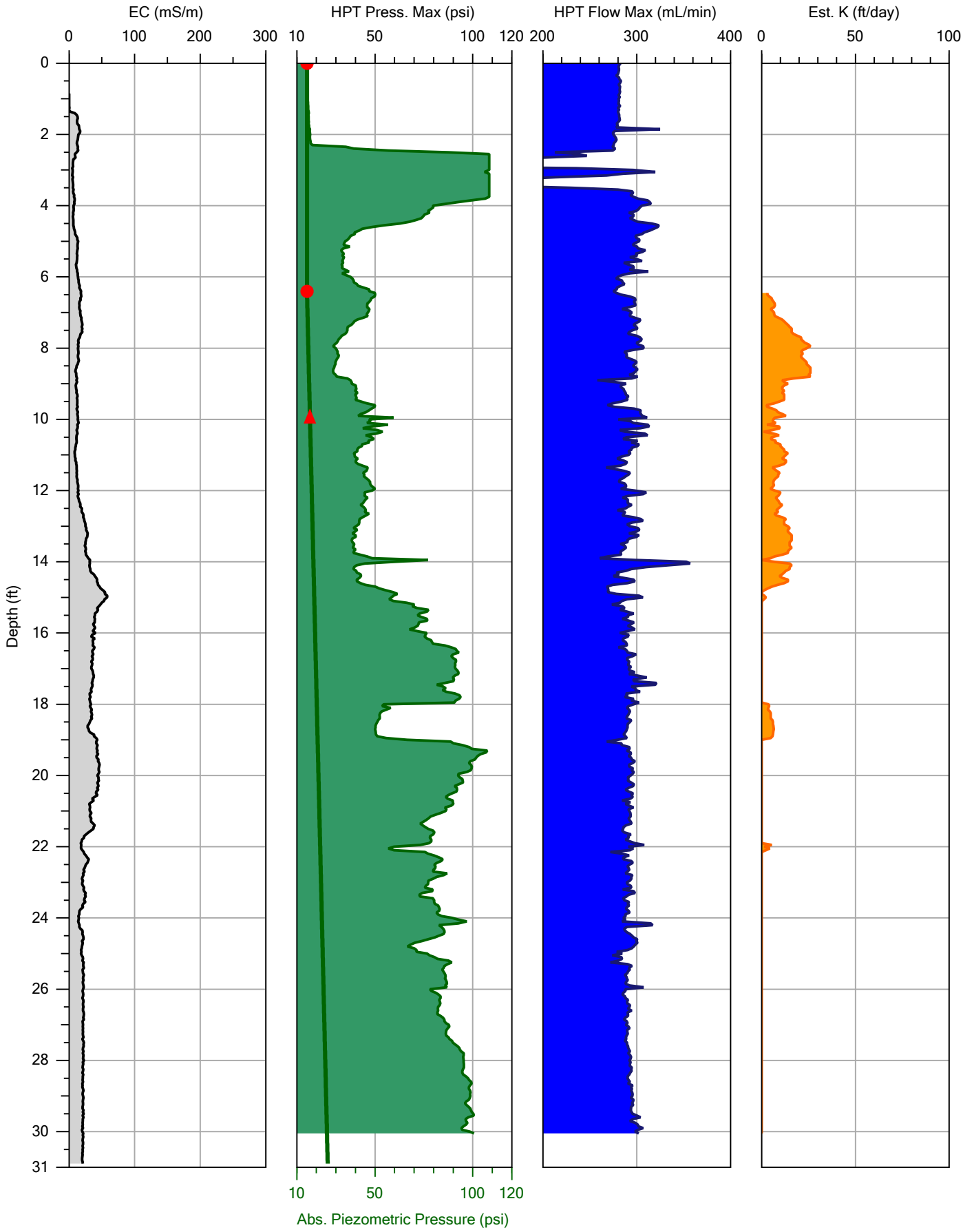

| | | | |
|---|---|---|---|
| | | | File: HPT-195.HPT |
| Company: Dakota Technologies | Operator: AK/EM | | Date: 11/12/2018 |
| Project ID: Ford Livonia Transmission Plant | Client: Arcadis | | Location: Livonia, MI |



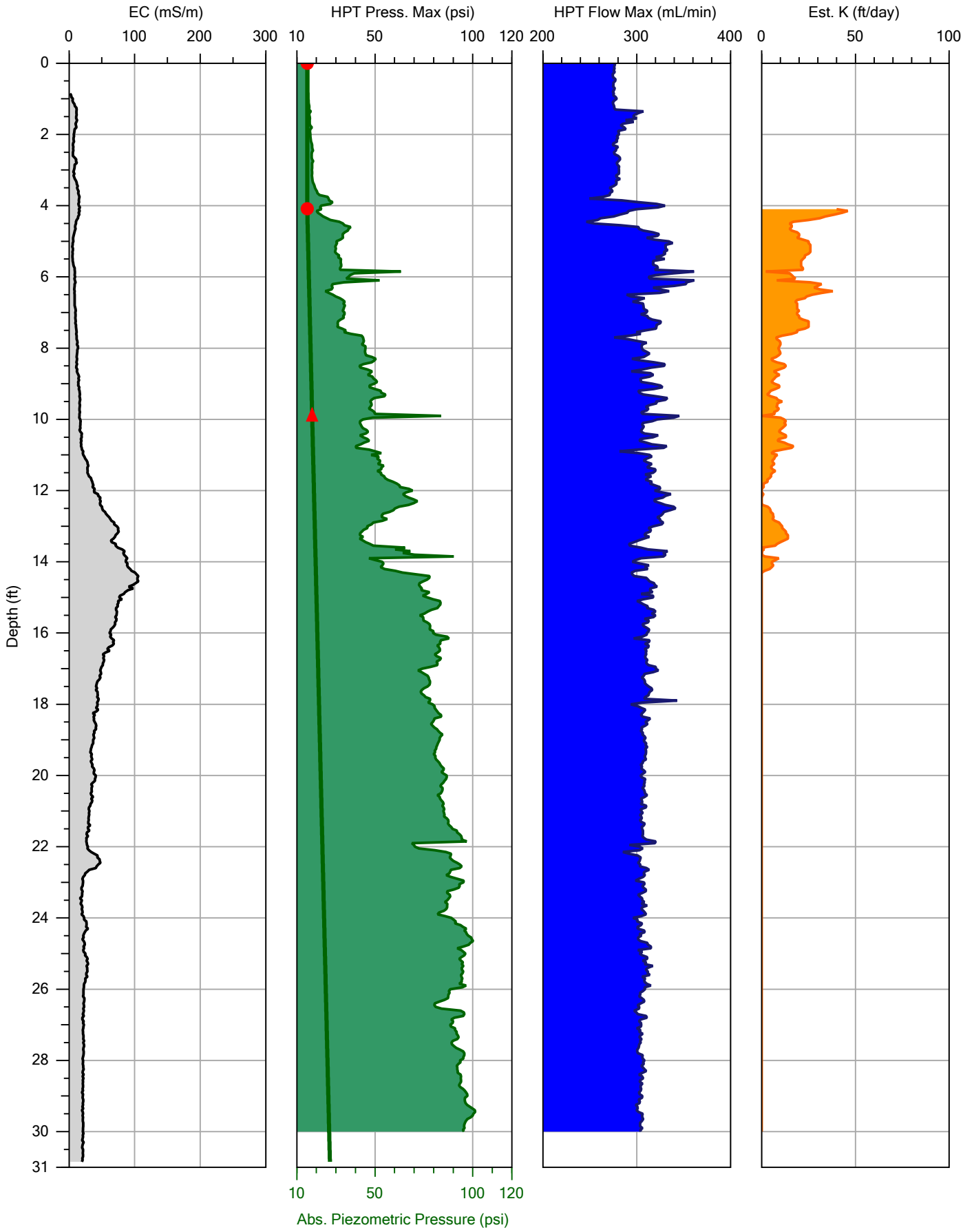

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|---|---|---|---|
| | | | File: HPT-196.HPT |
| Company: Dakota Technologies | Operator: AK/EM | | Date: 11/12/2018 |
| Project ID: Ford Livonia Transmission Plant | Client: Arcadis | | Location: Livonia, MI |



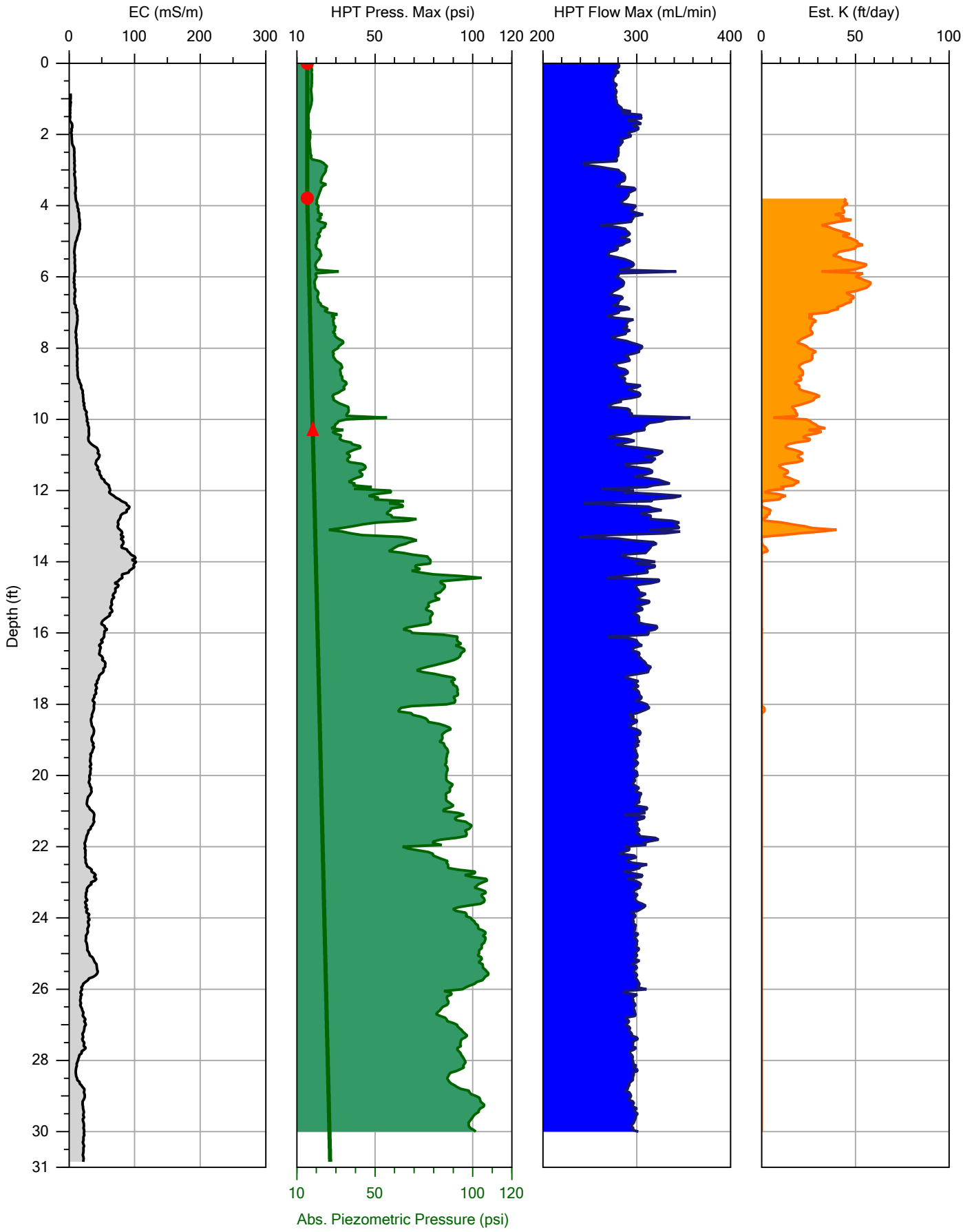

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|---|---|---|---|
| | | | File: HPT-197.HPT |
| Company: Dakota Technologies | | Operator: AK/EM | Date: 11/13/2018 |
| Project ID: Ford Livonia Transmission Plant | | Client: Arcadis | Location: Livonia, MI |



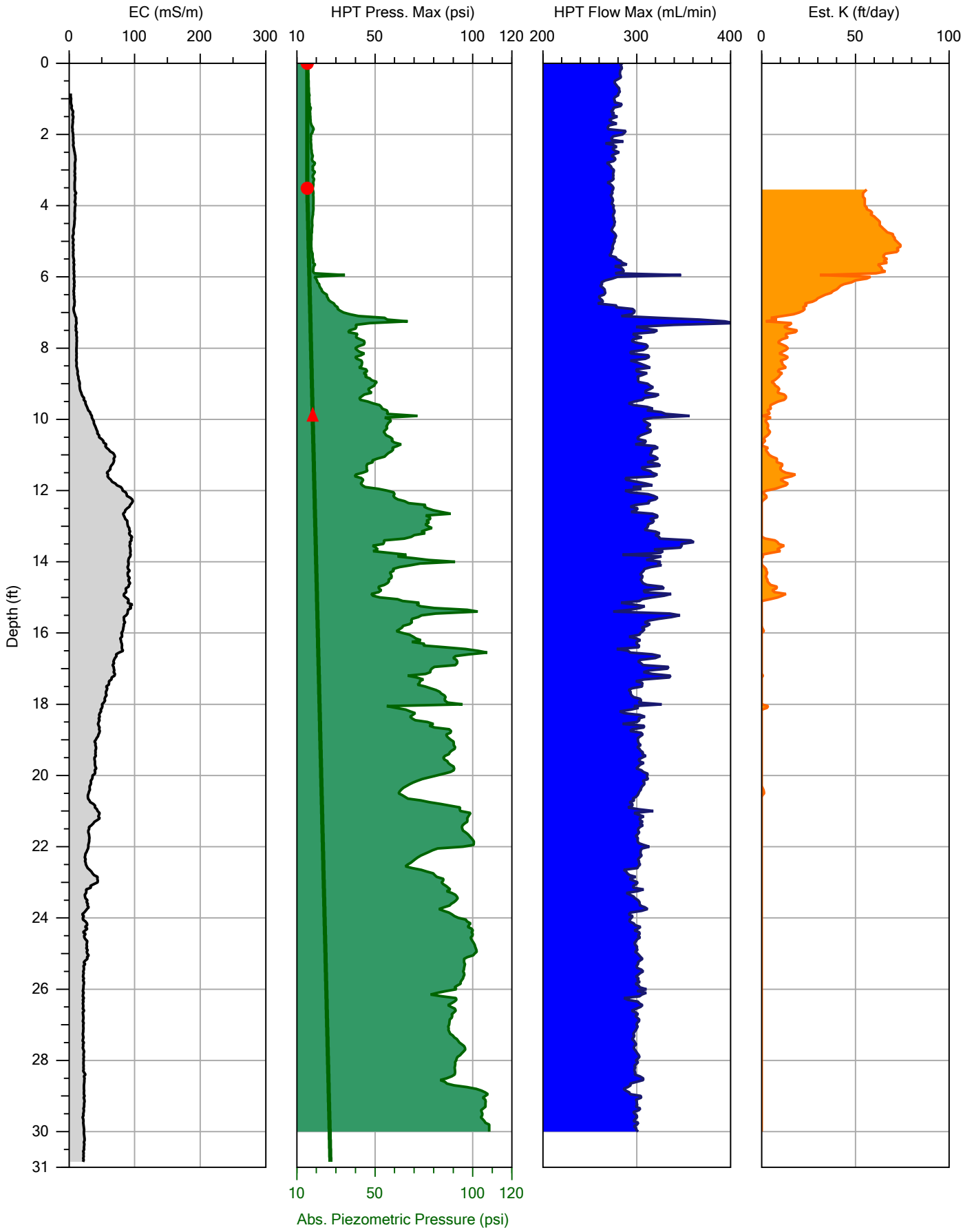

| | | | |
|---|---|---|---|
| | | | File: HPT-198.HPT |
| Company: Dakota Technologies | | Operator: AK/EM | Date: 11/13/2018 |
| Project ID: Ford Livonia Transmission Plant | | Client: Arcadis | Location: Livonia, MI |



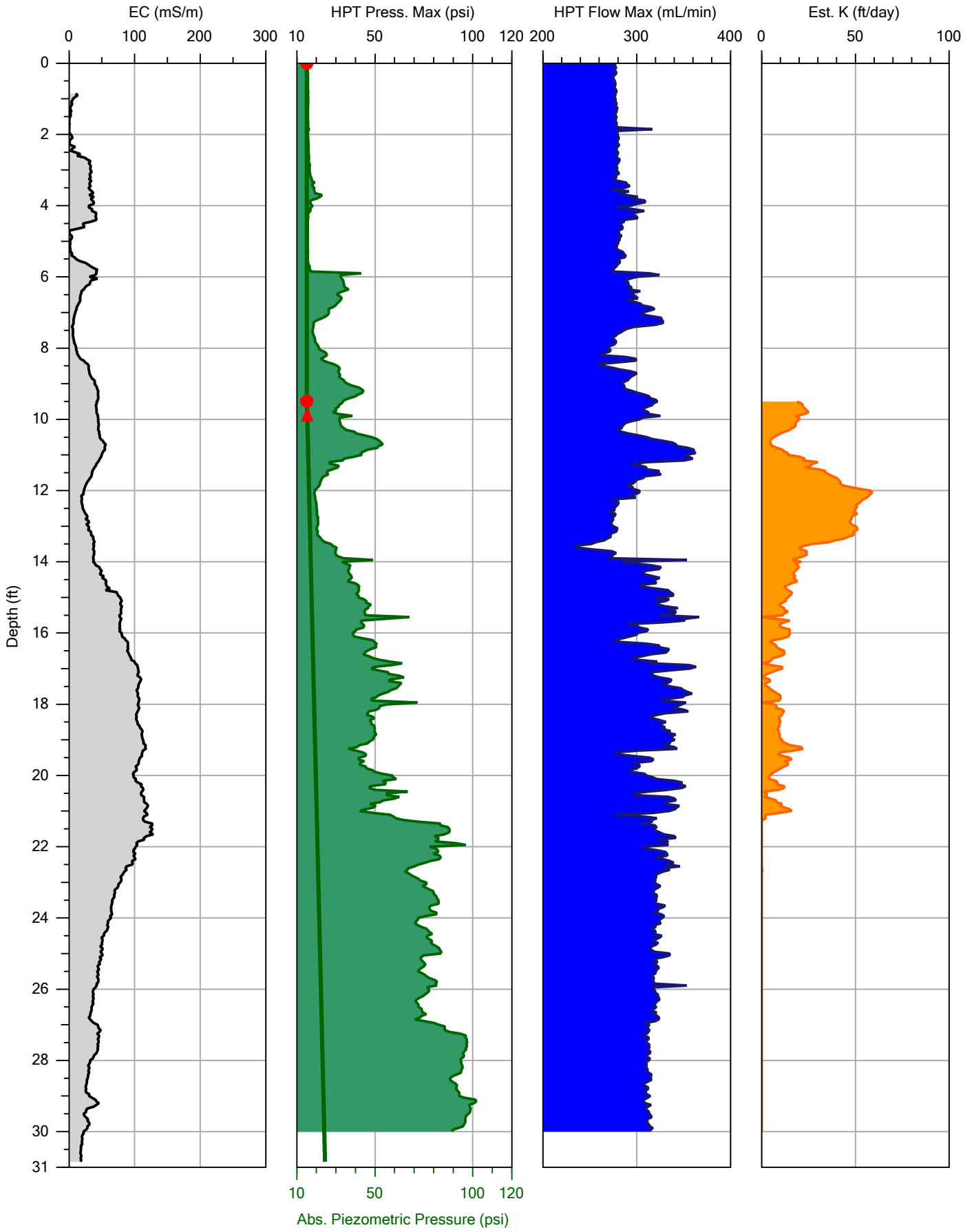

| | | | |
|---|---|---|---|
| | | | File: HPT-199.HPT |
| Company: Dakota Technologies | | Operator: AK/EM | Date: 11/14/2018 |
| Project ID: Ford Livonia Transmission Plant | | Client: Arcadis | Location: Livonia, MI |



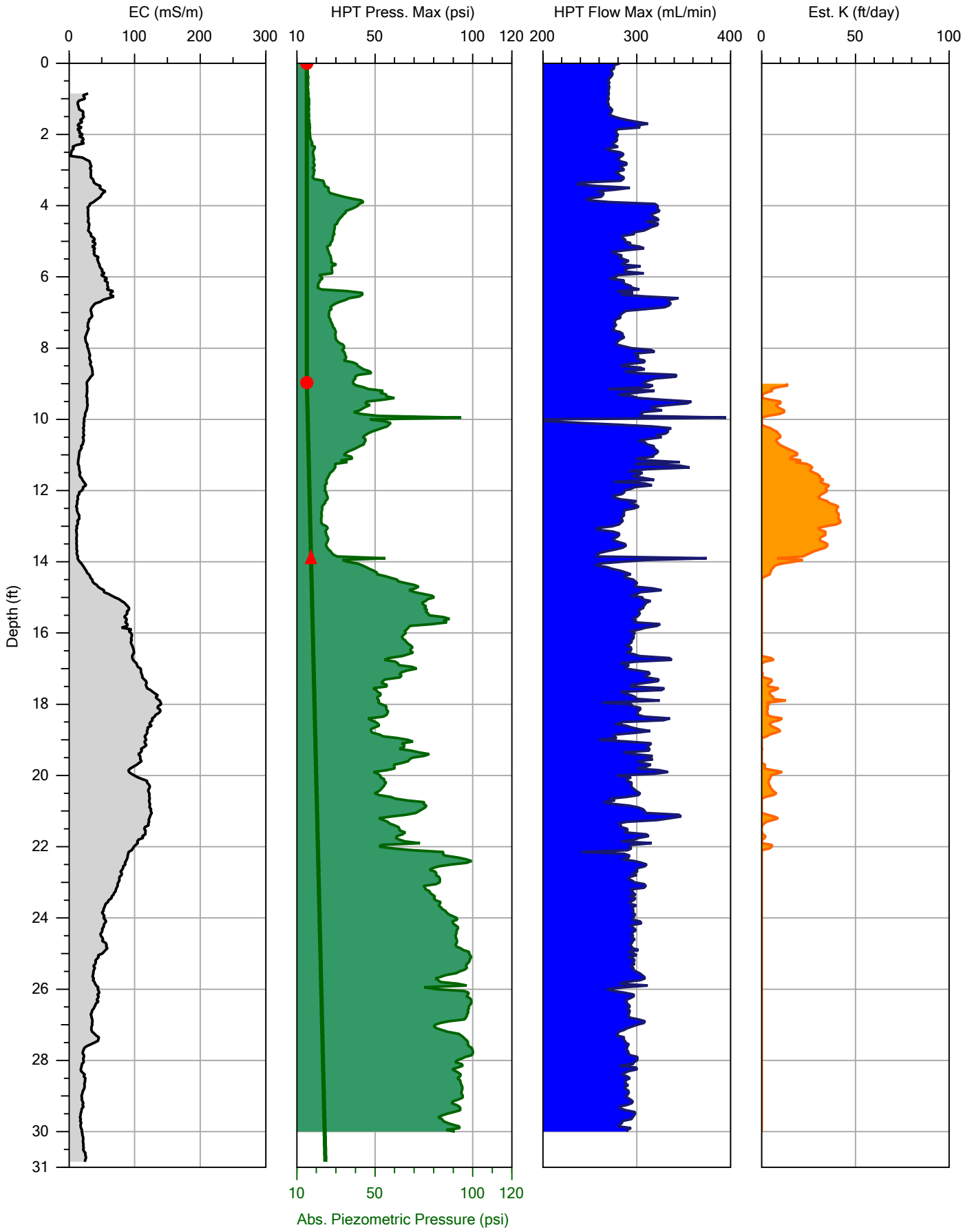

| | | | |
|---|---|---|---|
| | | | File: HPT-200.HPT |
| Company: Dakota Technologies | | Operator: AK/EM | Date: 11/14/2018 |
| Project ID: Ford Livonia Transmission Plant | | Client: Arcadis | Location: Livonia, MI |



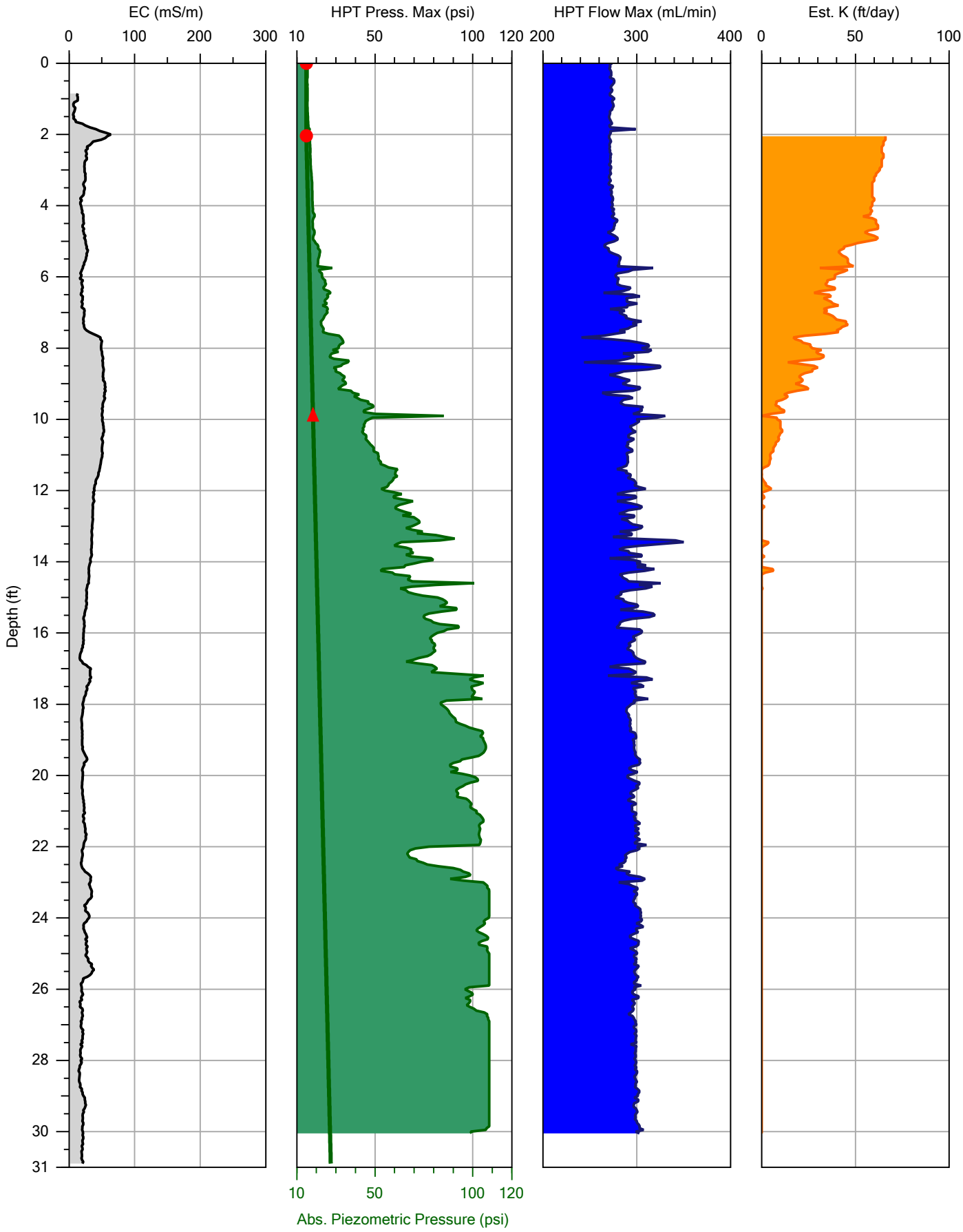

| | | | |
|---|---|---|---|
| | | | File: HPT-201.HPT |
| Company: Dakota Technologies | | Operator: AK/EM | Date: 11/14/2018 |
| Project ID: Ford Livonia Transmission Plant | | Client: Arcadis | Location: Livonia, MI |



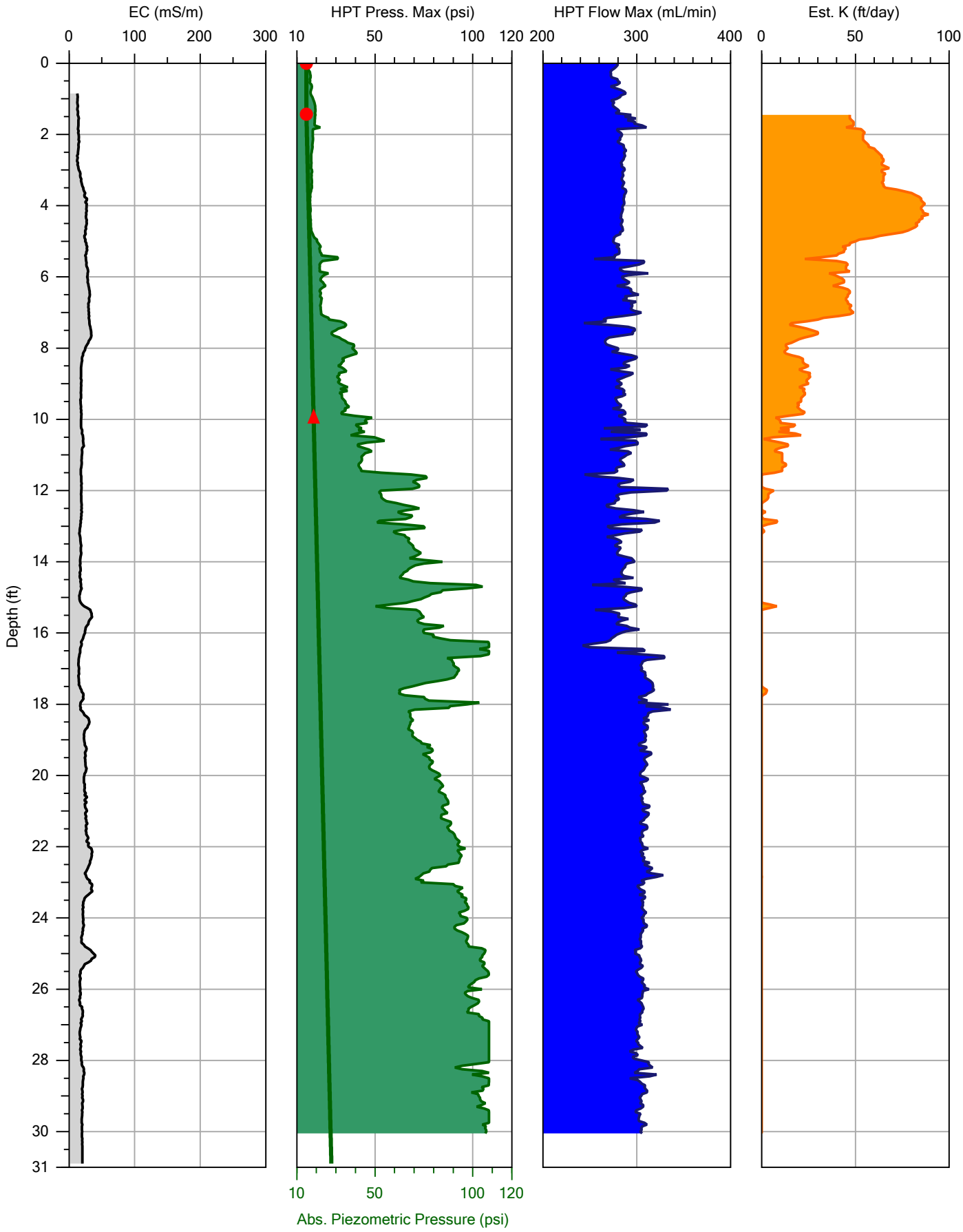

| | | | |
|---|---|---|---|
| | | | File: HPT-202.HPT |
| Company: Dakota Technologies | | Operator: AK/EM | Date: 11/15/2018 |
| Project ID: Ford Livonia Transmission Plant | | Client: Arcadis | Location: Livonia, MI |



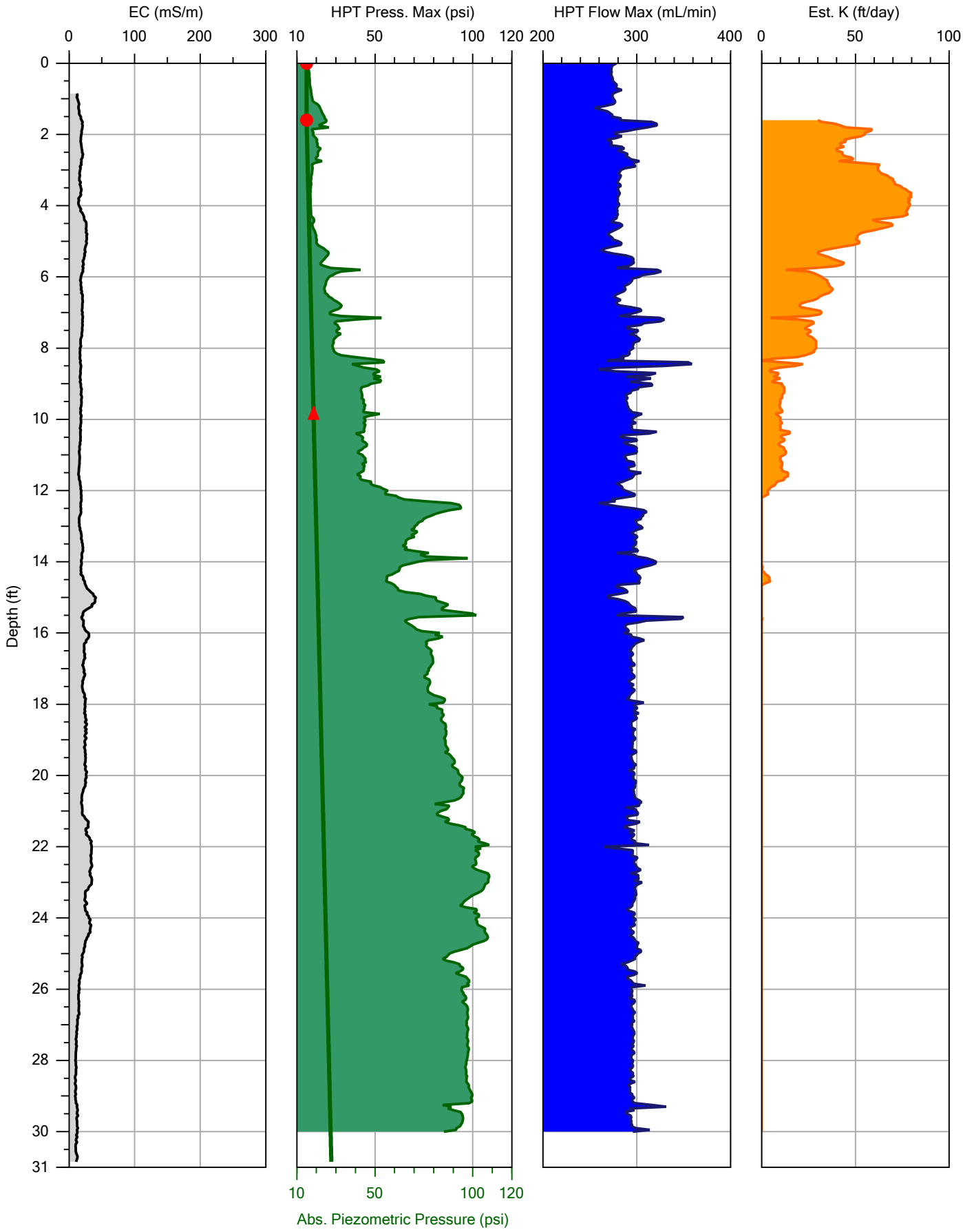

| | | | |
|---|---|---|---|
| | | | File: HPT-203.HPT |
| Company: Dakota Technologies | Operator: AK/EM | | Date: 11/15/2018 |
| Project ID: Ford Livonia Transmission Plant | Client: Arcadis | | Location: Livonia, MI |



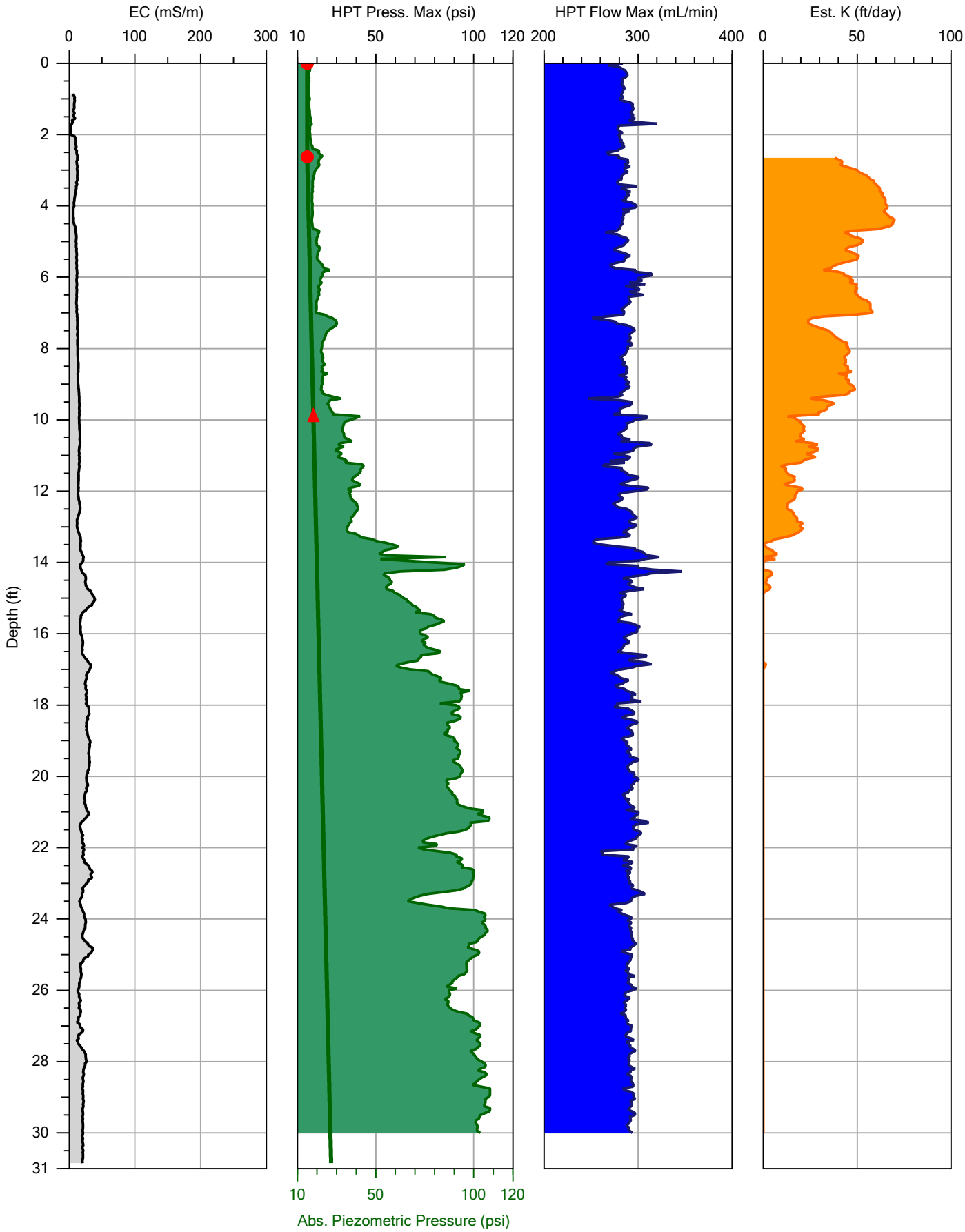

| | | | |
|---|---|---|---|
| | | | File: HPT-204.HPT |
| Company: Dakota Technologies | Operator: AK/EM | | Date: 11/26/2018 |
| Project ID: Ford Livonia Transmission Plant | Client: Arcadis | | Location: Livonia, MI |



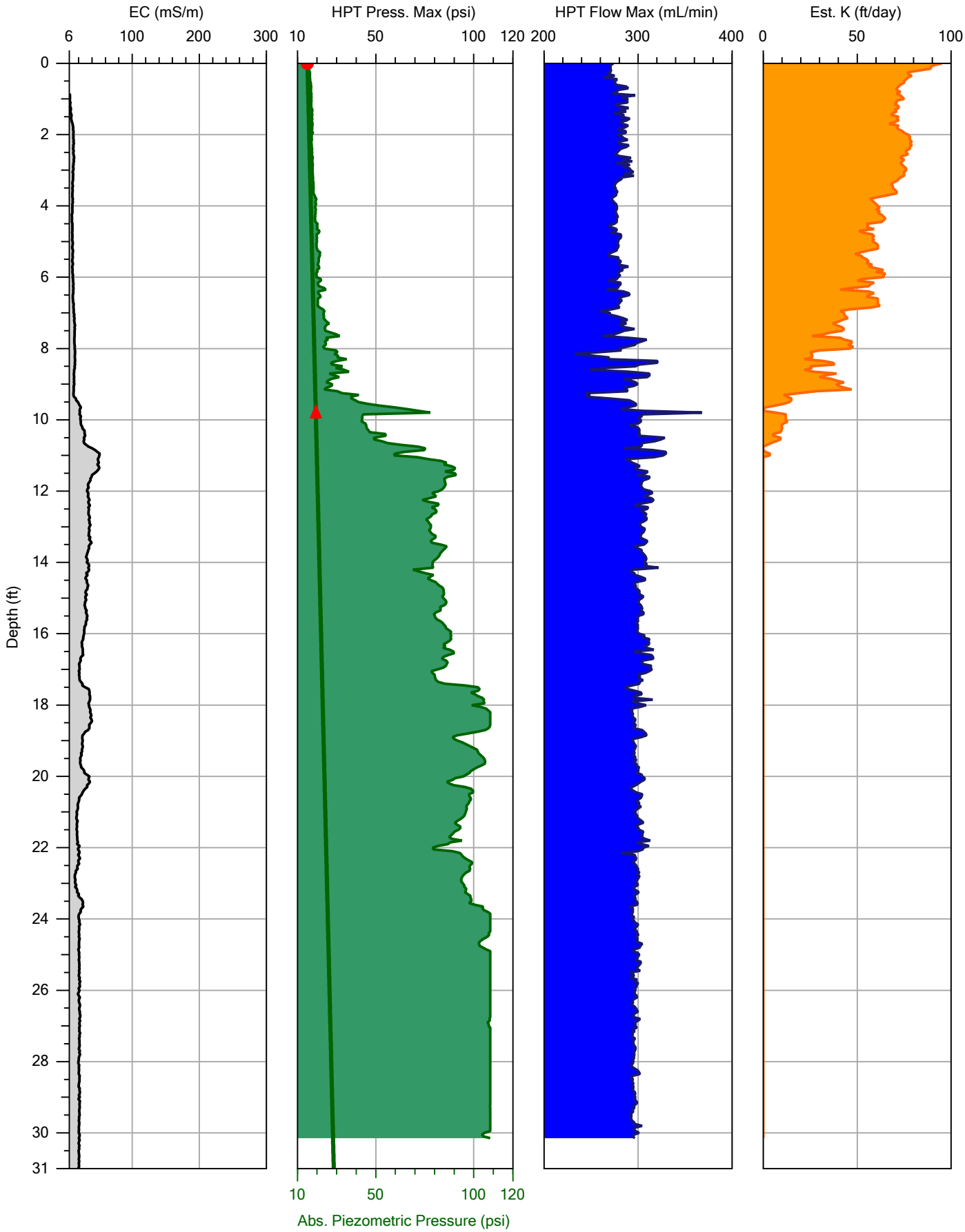

| | | | |
|---|---|---|---|
| | | | File: HPT-205.HPT |
| Company: Dakota Technologies | | Operator: AK/EM | Date: 11/26/2018 |
| Project ID: Ford Livonia Transmission Plant | | Client: Arcadis | Location: Livonia, MI |



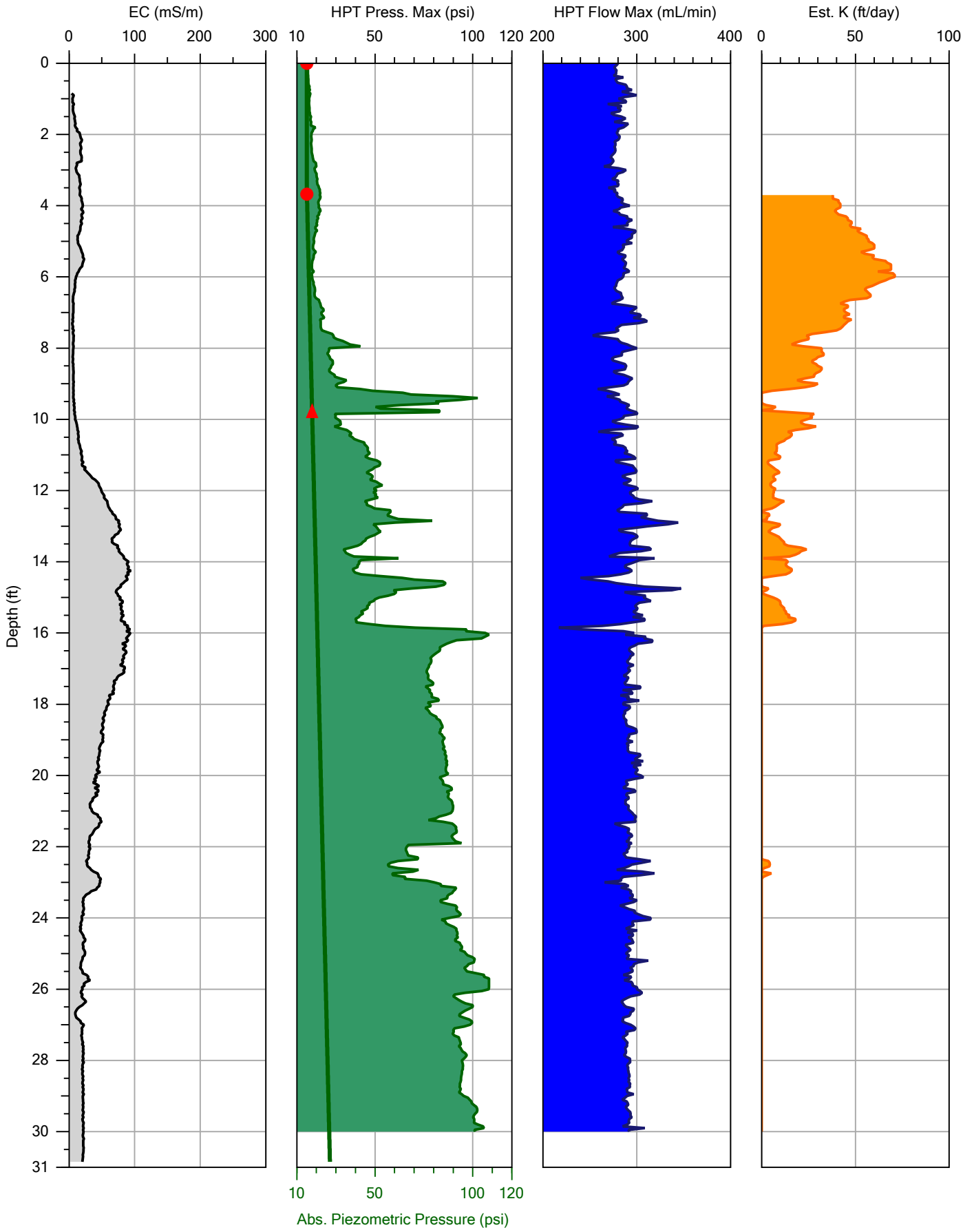

| | | | |
|---|---|---|---|
| | | | File: HPT-206.HPT |
| Company: Dakota Technologies | | Operator: AK/EM | Date: 11/27/2018 |
| Project ID: Ford Livonia Transmission Plant | | Client: Arcadis | Location: Livonia, MI |



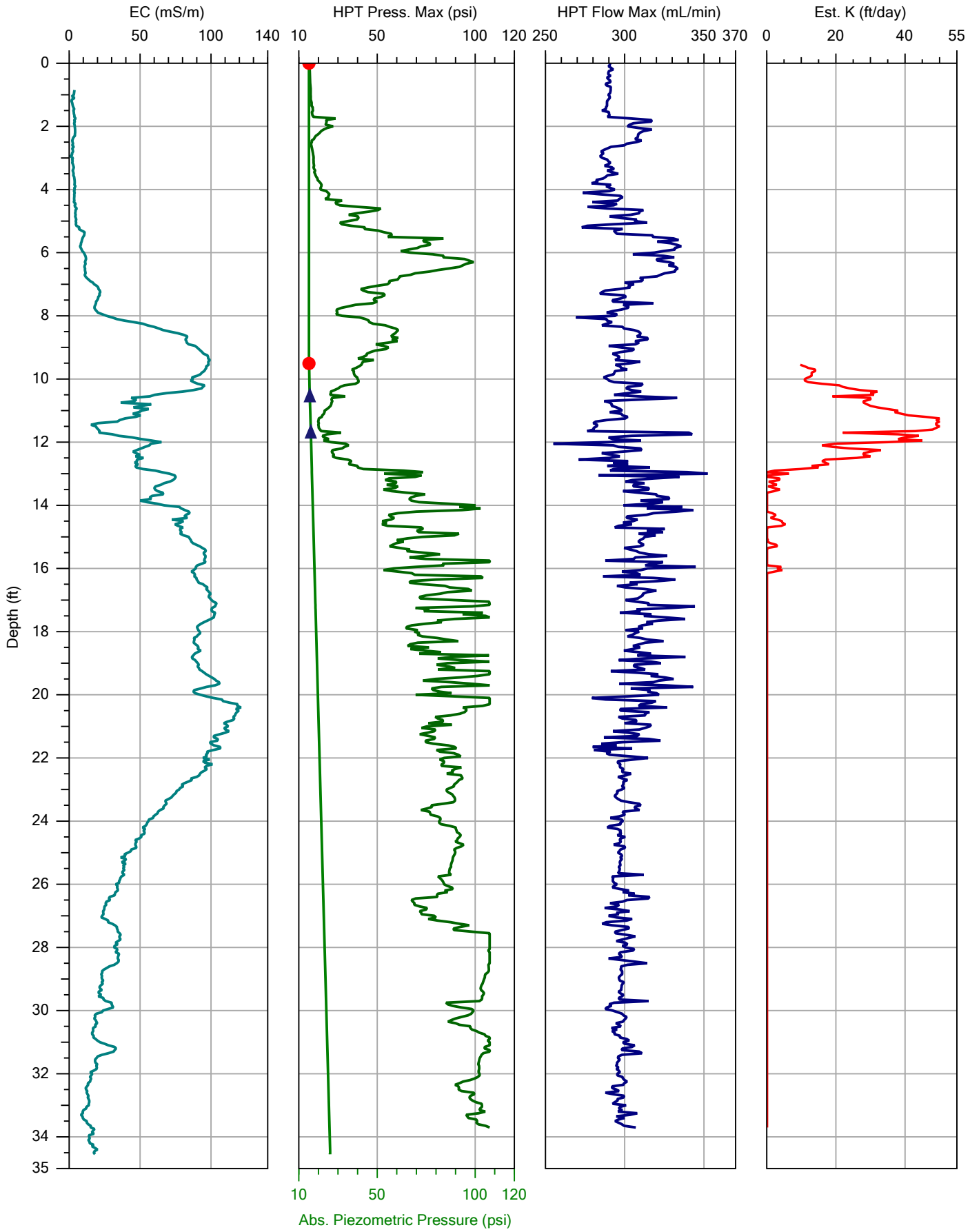

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|---|---|---|---|
| | | | File: HPT-207.HPT |
| Company: Dakota Technologies | | Operator: AK/EM | Date: 11/27/2018 |
| Project ID: Ford Livonia Transmission Plant | | Client: Arcadis | Location: Livonia, MI |



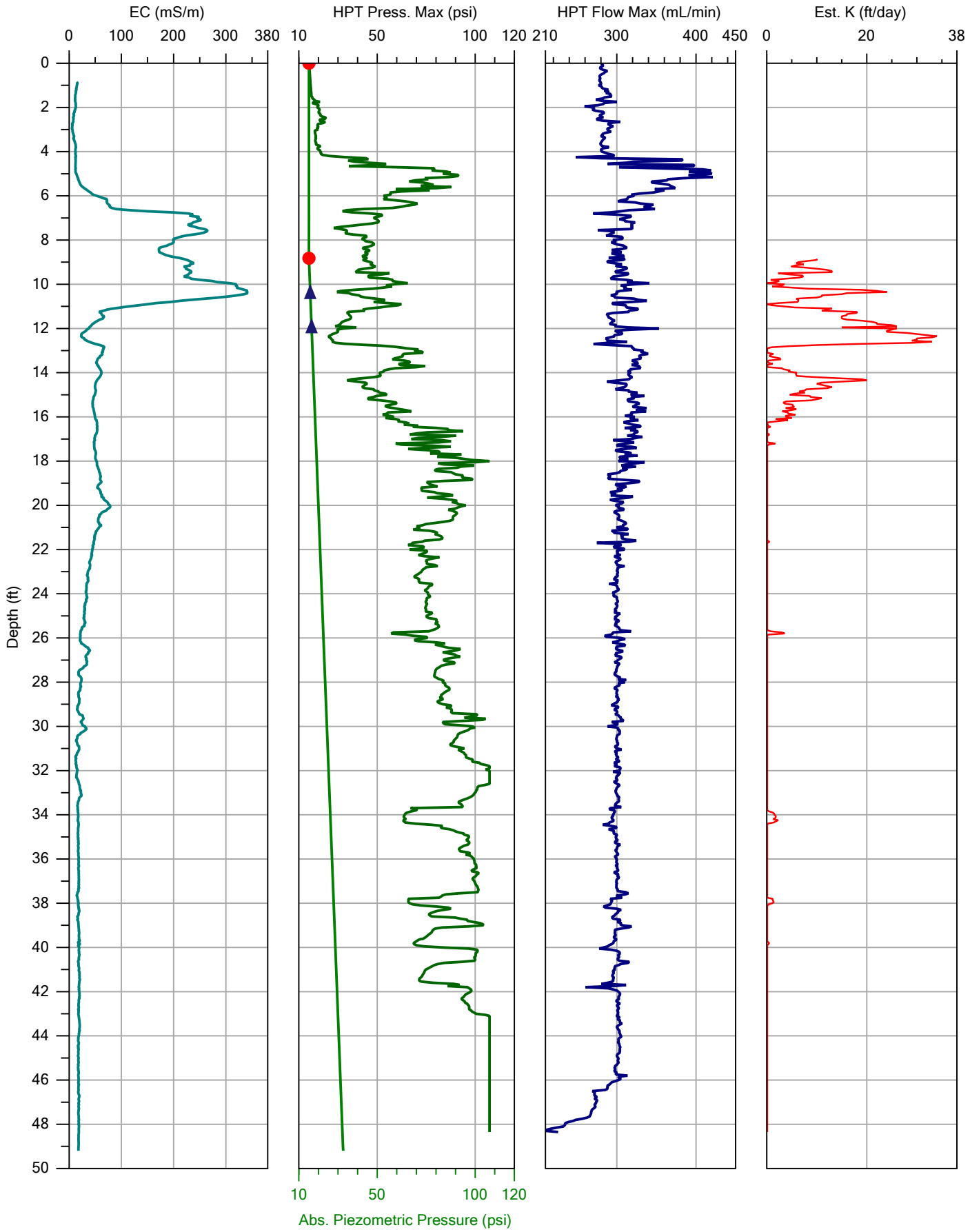

| | | | |
|---|---|---|---|
| | | | File: HPT-208.HPT |
| Company: Dakota Technologies | | Operator: AK/EM | Date: 11/27/2018 |
| Project ID: Ford Livonia Transmission Plant | | Client: Arcadis | Location: Livonia, MI |



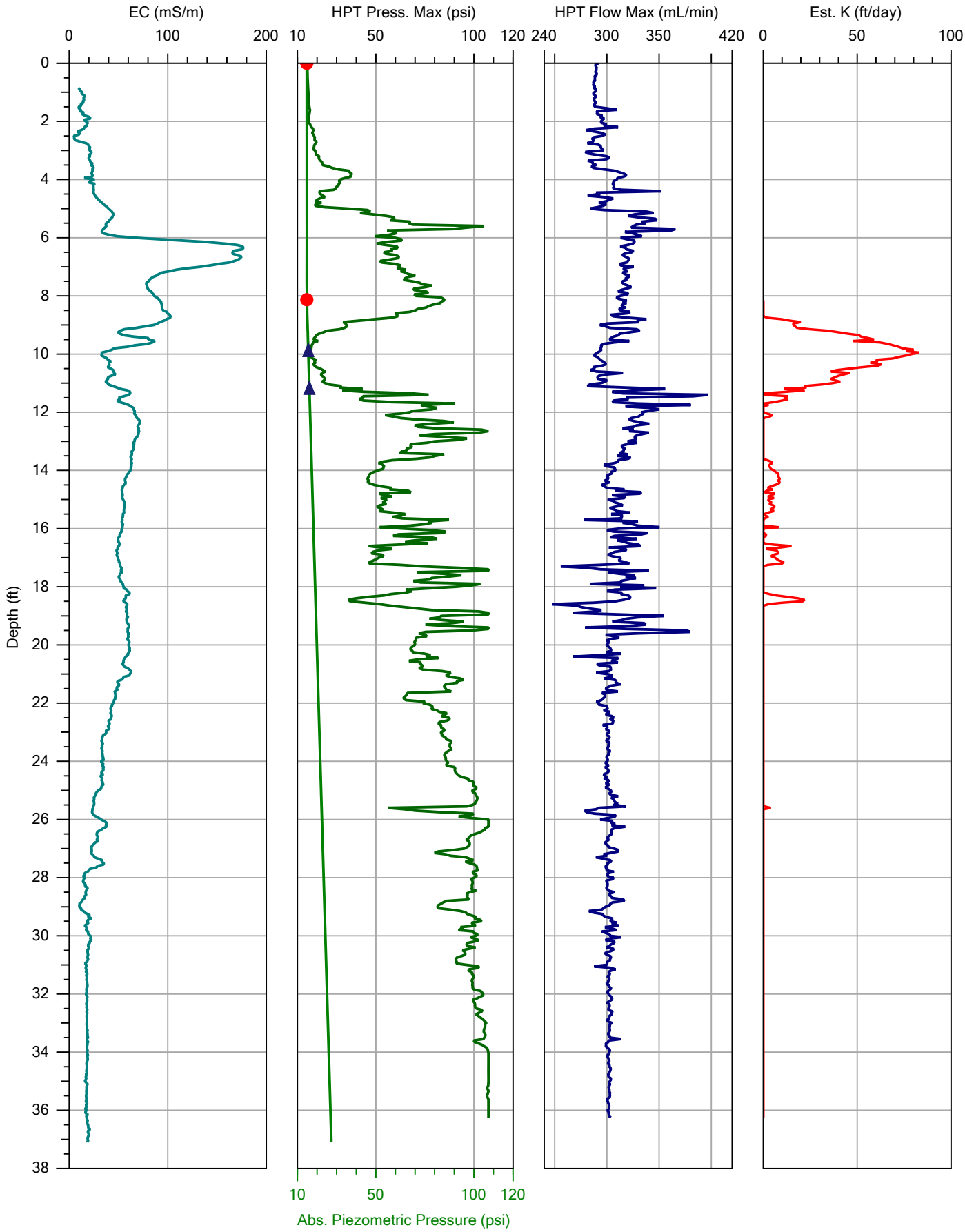

| | | | |
|---|---|---|---|
| | | | File: HPT-209.HPT |
| Company: Dakota Technologies | | Operator: AK/EM | Date: 12/14/2018 |
| Project ID: Ford Livonia Transmission Plant | | Client: Arcadis | Location: Livonia, MI |



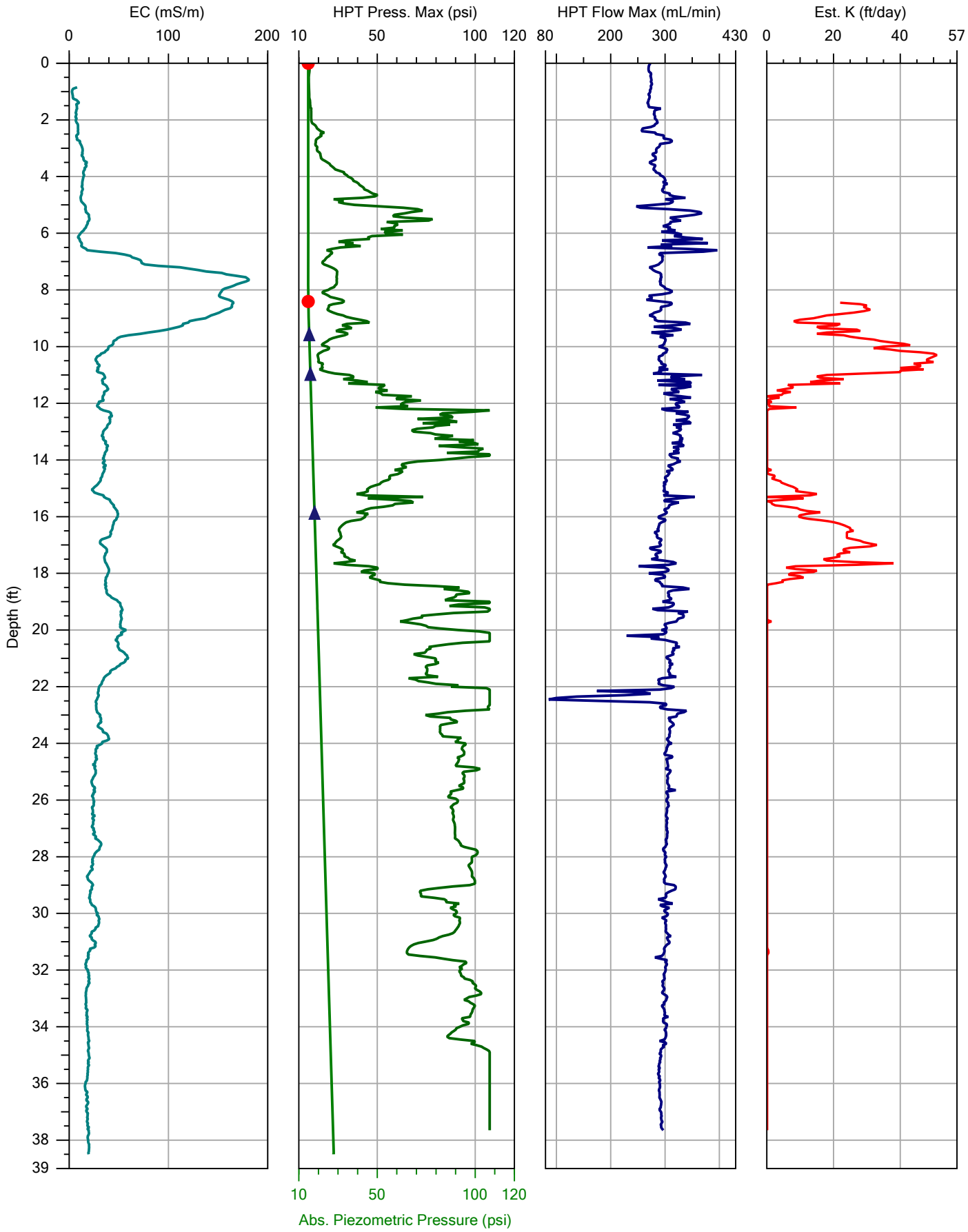

| | | | |
|---|---|---|---|
| | | | File: HPT-03.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/27/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



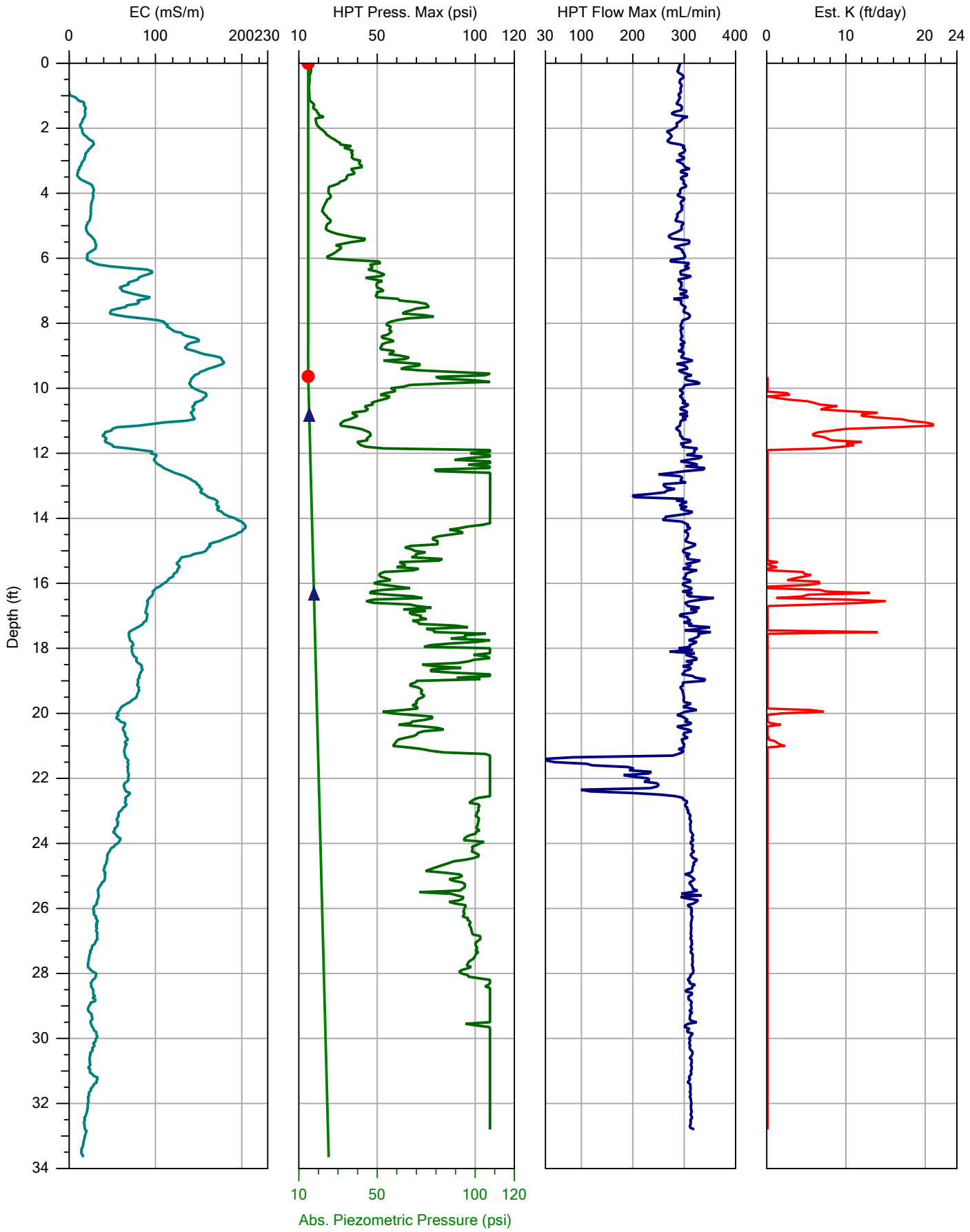

| | | | |
|---|---|---|---|
| | | | File: HPT-04.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/27/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



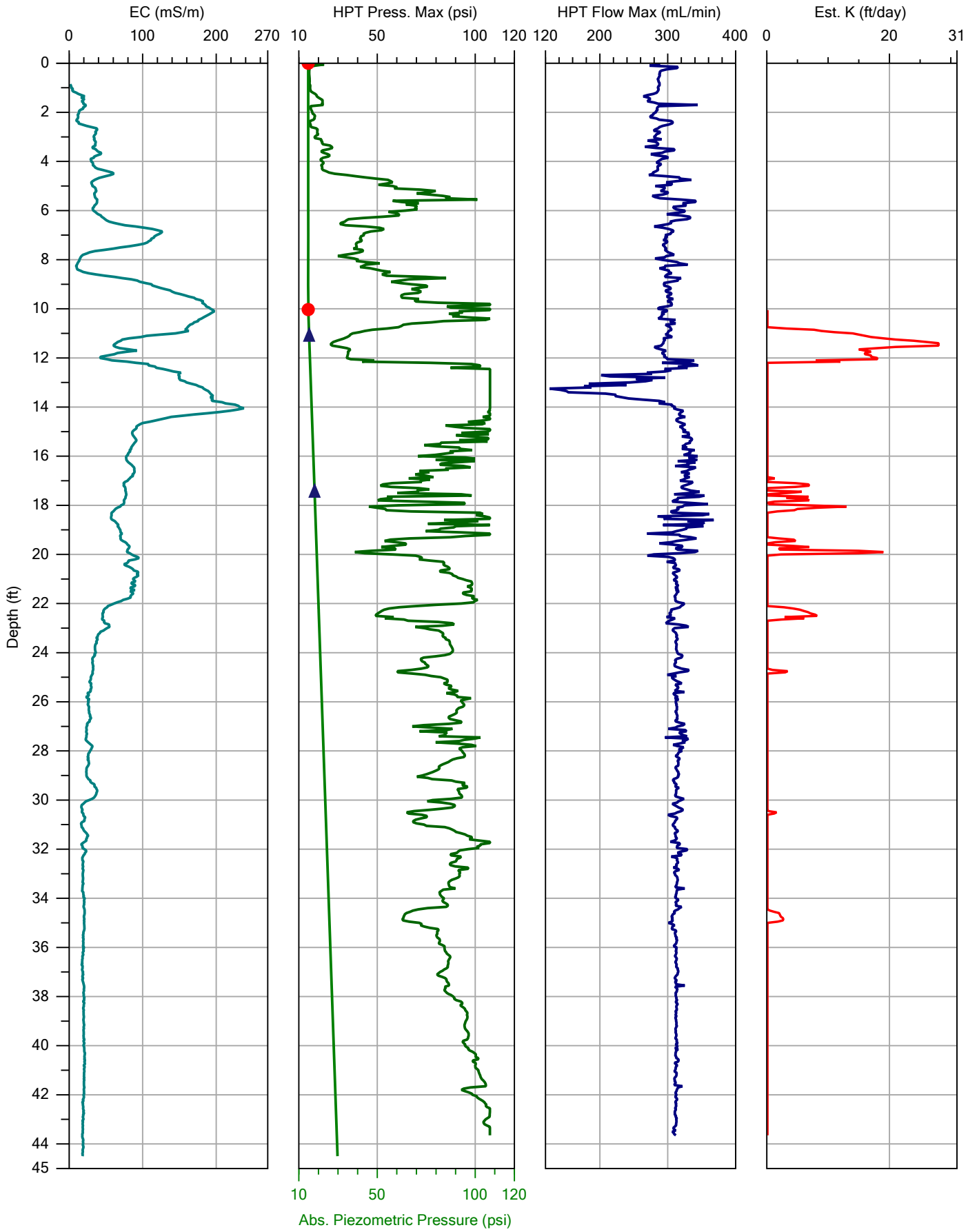

| | | | |
|---|---|---|---|
| | | | File: HPT-05.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/28/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



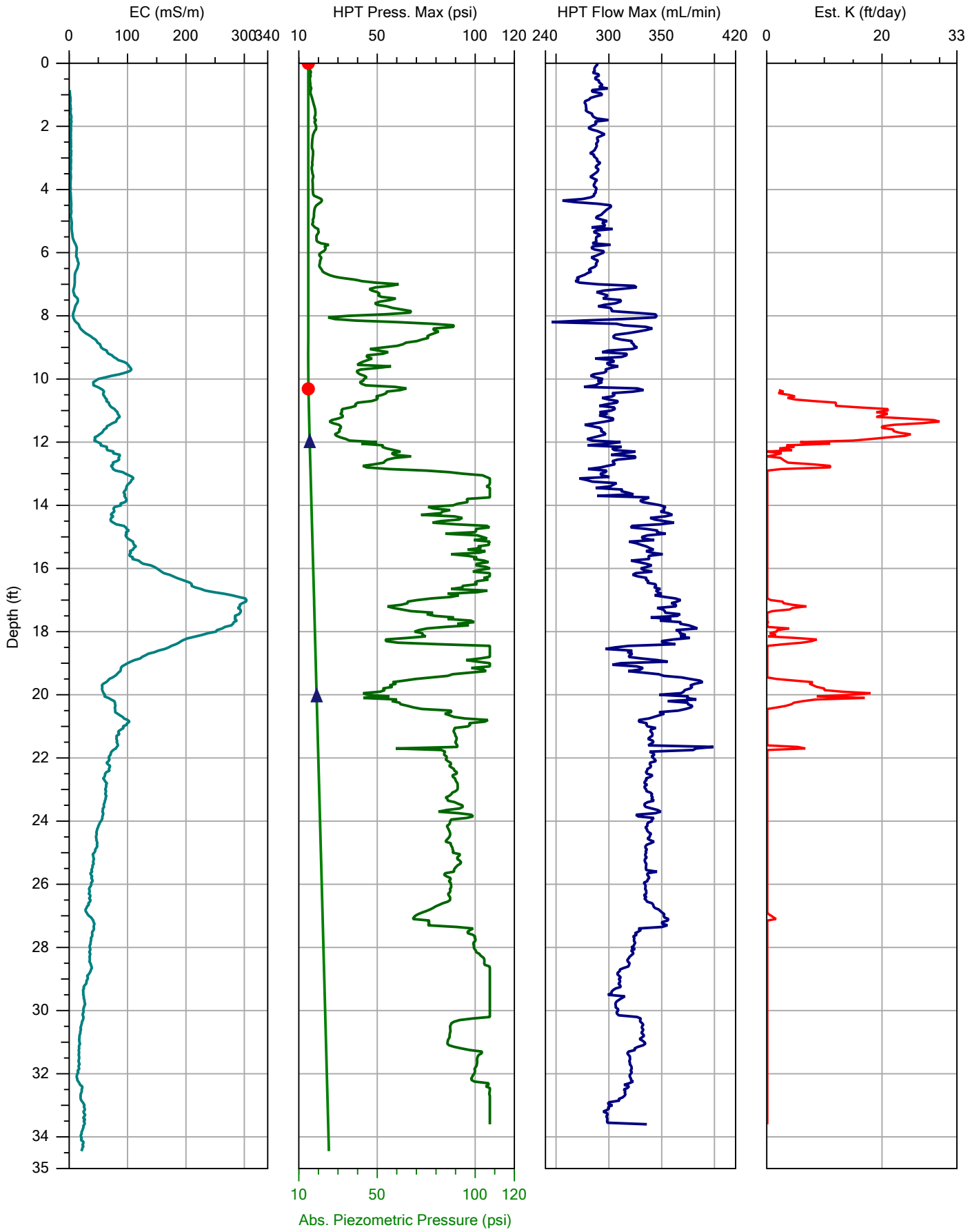

| | | | |
|---|---|---|---|
| | | | File: HPT-06.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/28/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



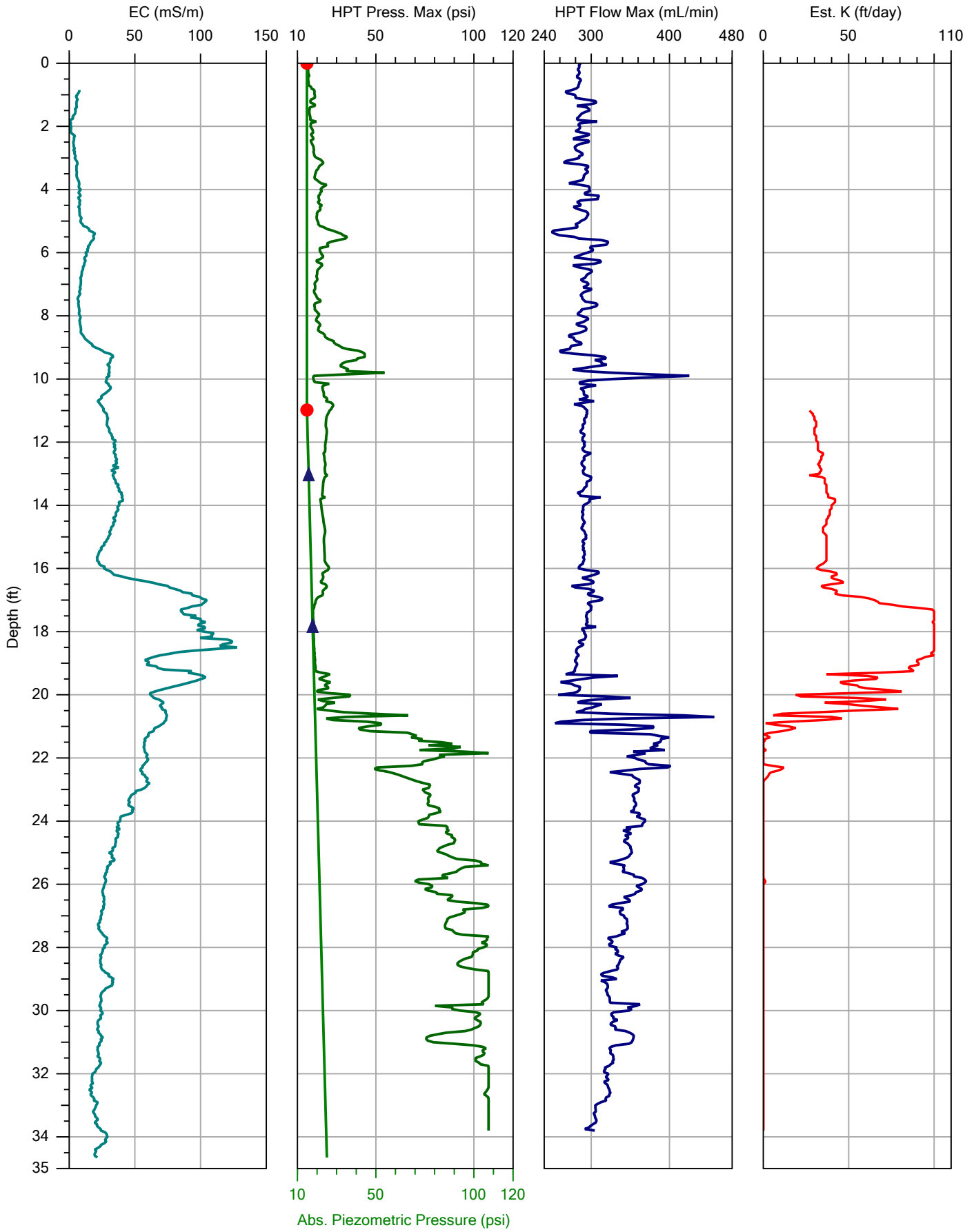

| | | | |
|---|---|---|---|
| | | | File: HPT-07.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/29/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



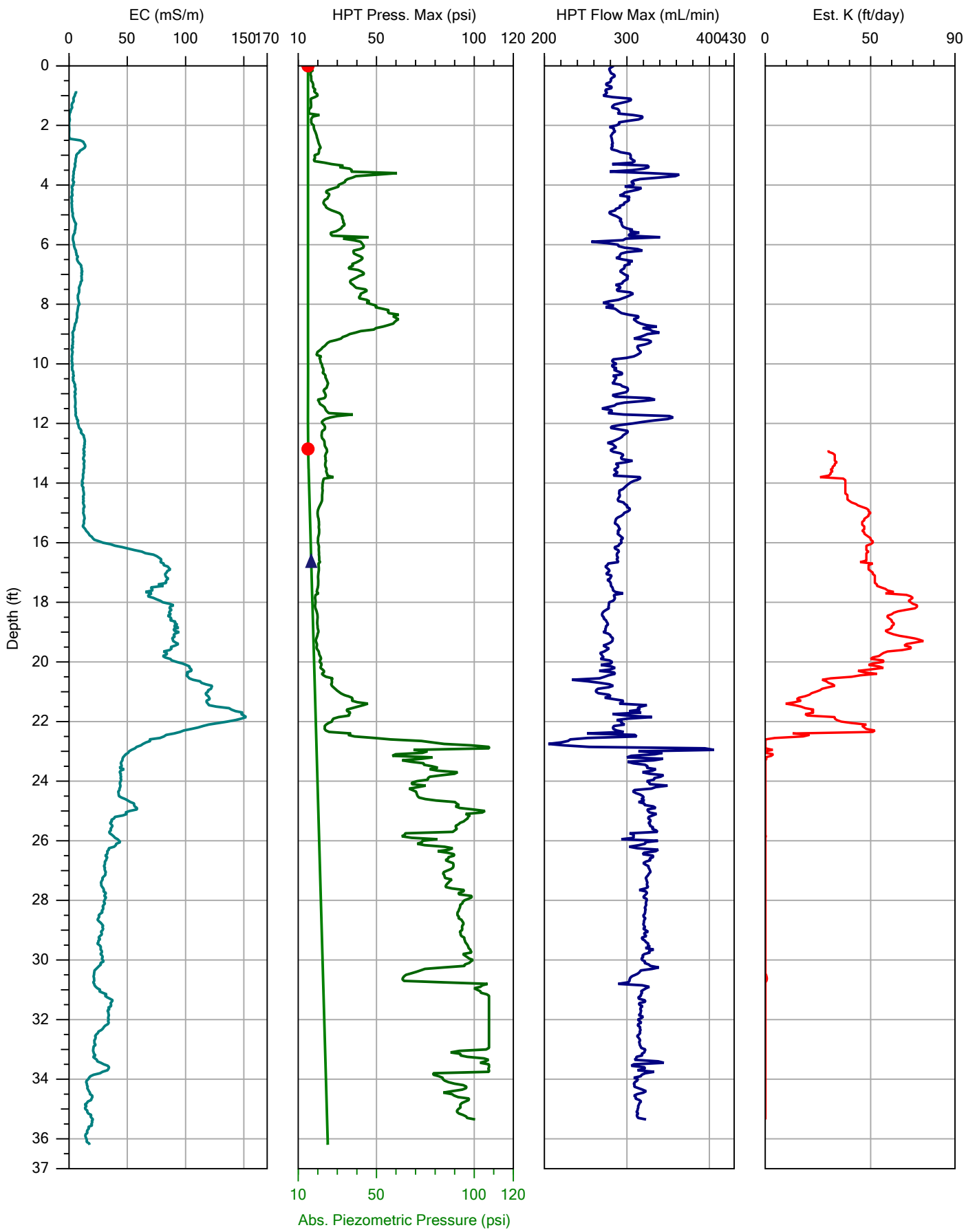

| | | | |
|---|---|---|---|
| | | | File: HPT-08.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/29/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



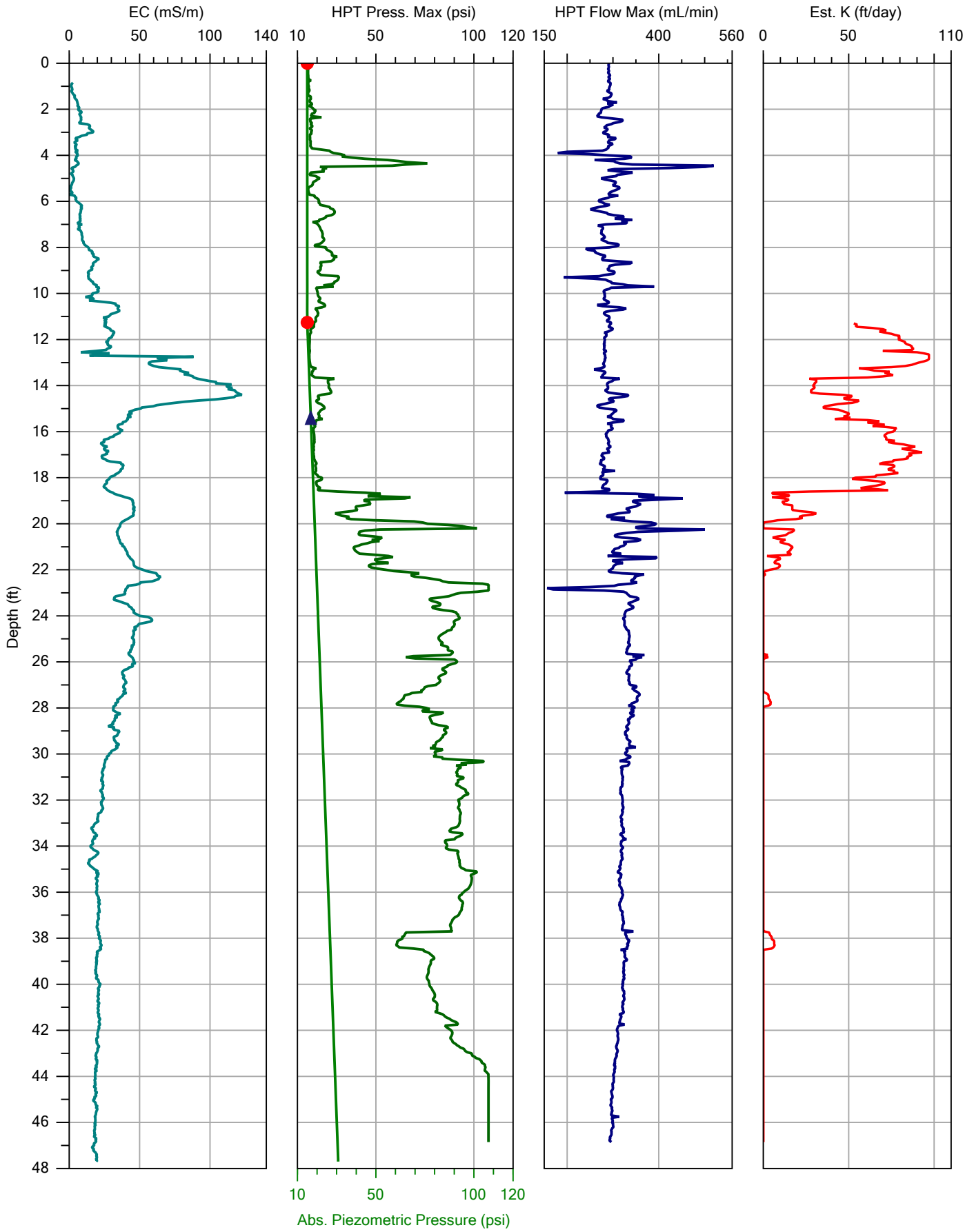

| | | | |
|---|---|---|---|
| | | | File: HPT-09.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/29/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



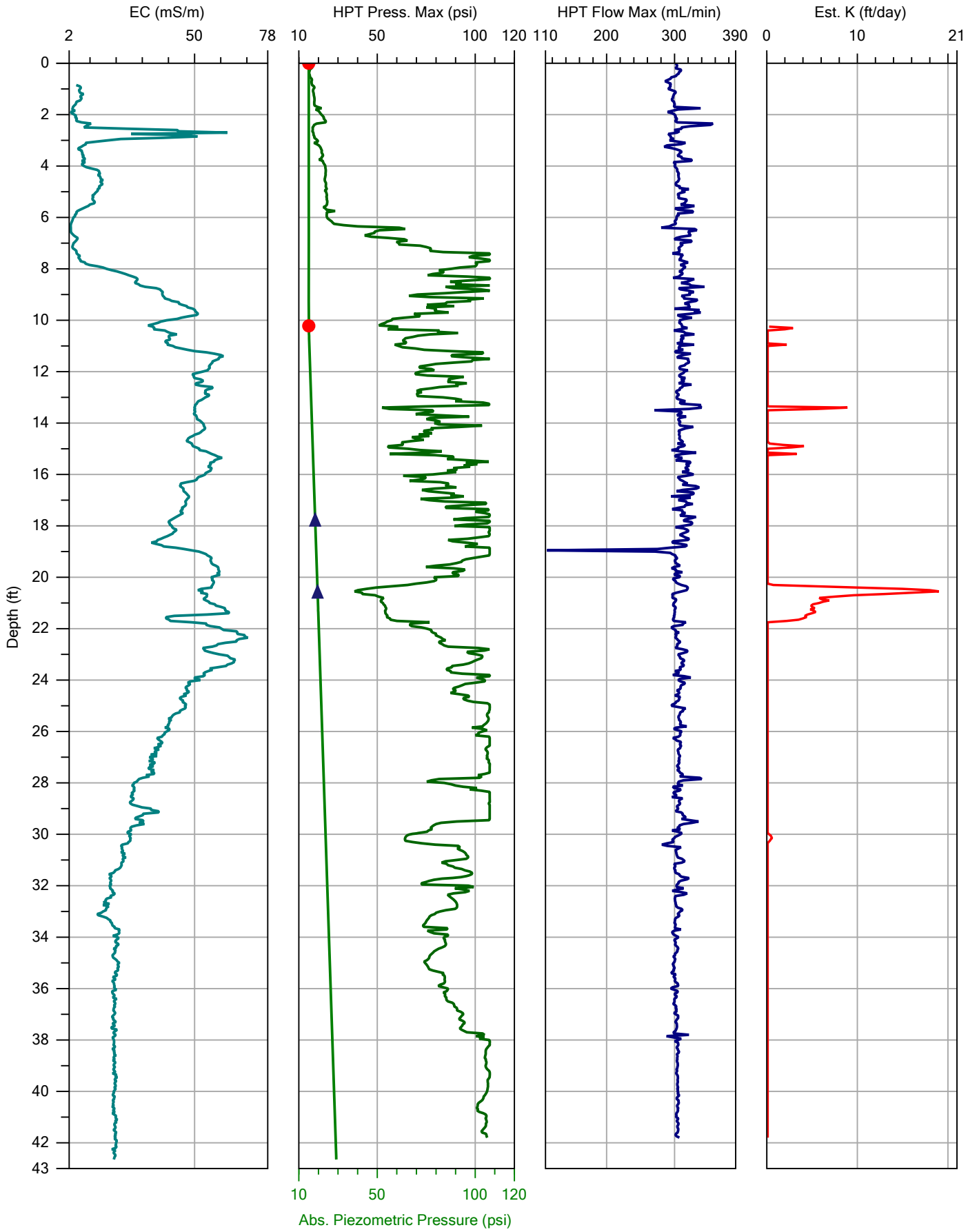

| | | | |
|---|---|---|---|
| | | | File: HPT-10.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/29/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |




| | | | |
|---|---|---|---|
| | | | File: HPT-11.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/30/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |




| | | | |
|---|---|---|---|
| | | | File: HPT-12.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/30/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |




| | | | |
|---|---|---|---|
| | | | File: HPT-13.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/30/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |

ARCADIS Design & Consultancy for natural and built assets

# Soil Boring Log

Boring No.: HPT-15

Sheet: 1 of 2

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 10/27/2015
Date Completed: 10/27/2015

Logger: B. Ring
Editor: T. Stevens
Weather Conditions: Cloudy, Windy, 60's

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-2.0') ASPHALT and PEBBLES, fine to medium; little fine sand; poorly sorted; dry; loose; black to gray. Note: Fill. | | |
| 2 | | | 60 | | | | | | |
| 3 | | | | | 0.5 | | (2.0-5.0') SAND, fine, subrounded to subangular; little pebbles, subangular; poorly sorted; dry; loose; tan to dark brown. | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | 0.0 | | (5.0-10.0') SAND, very fine to fine, subrounded to subangular; well sorted; moist; loose; tan to brown. | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | 39 | | | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | | | | Backfill with Bentonite. | |
| 11 | | | | | 0.0 | | (10.0-15.0') SAND, medium to coarse, subrounded; little granules; poorly sorted; wet; loose; gray to black. | | |
| 12 | | | | | | | | | |
| 13 | | | 48 | | 0.0 | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | 0.0 | | (15.0-20.0') SAND, fine, subrounded; well sorted; wet; loose; gray. | | |
| 17 | | | | | | | | | |
| 18 | | | 29 | | | | | | |
| 19 | | | | | 0.0 | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Matrix Environmental
Driller: Robert T.
Drilling Method: Direct Push
Drilling Fluid: None
Remarks: Hand Auger to 5.0' bgs. Calibration boring; no sampling conducted.

Sampling Method: Dual Tube
Sampling Interval: Continuous
Water Level Start (ft. bgs.): NA
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.: NA
North Coor:
East Coor:

SOIL BORING LOG 2013 N:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\FORD LTP BORING LOGS.GPJ ARCADIS.GDT 8/3/17

ARCADIS Design & Consultancy for natural and built assets

# Soil Boring Log

Boring No.: HPT-15

Sheet: 2 of 2

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

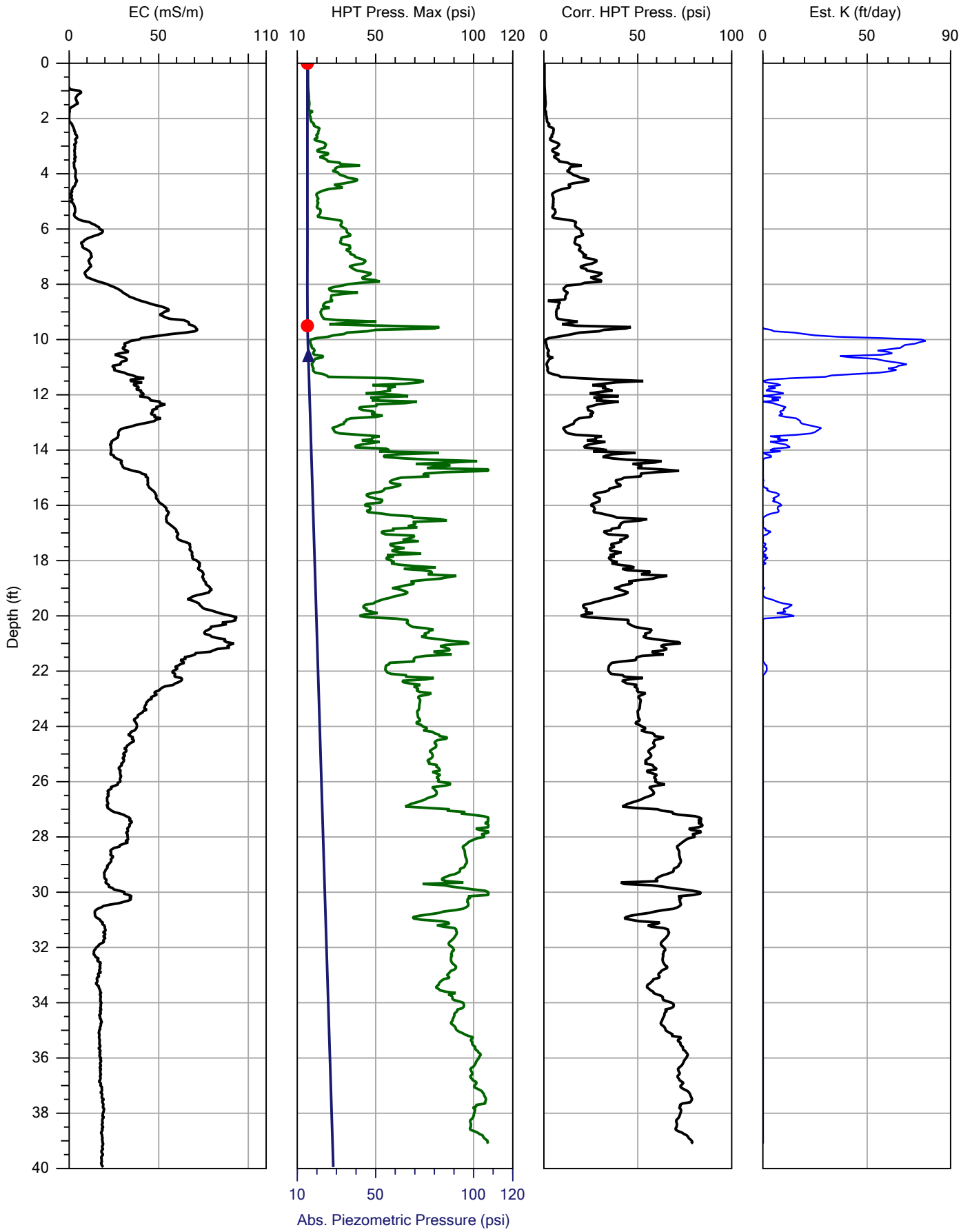
Date Started: 10/27/2015
Date Completed: 10/27/2015

Logger: B. Ring
Editor: T. Stevens
Weather Conditions: Cloudy, Windy, 60's

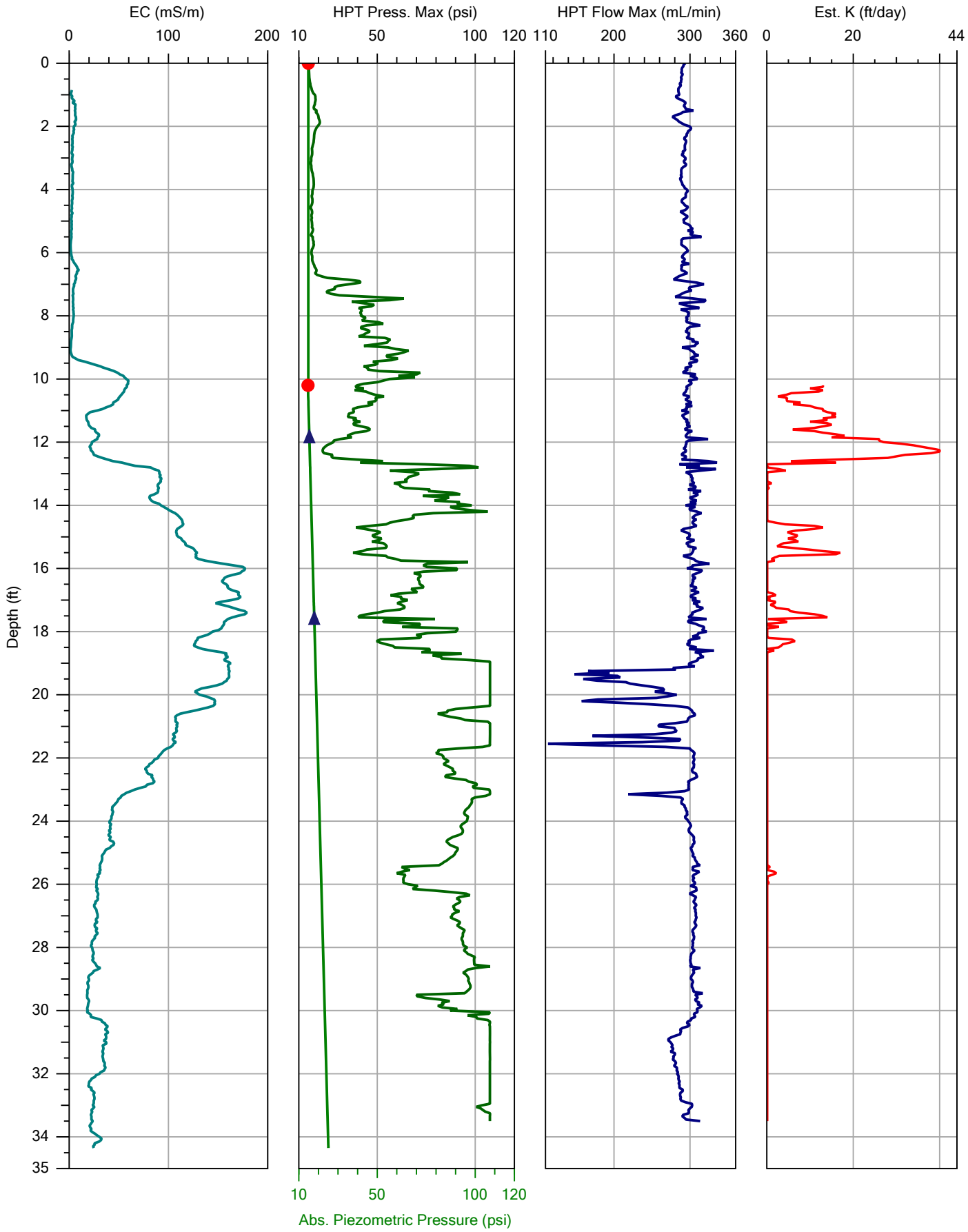
| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 21 | | | | | 0.0 | | (20.0-25.0') SAND, very fine, subrounded; little silt; well sorted; moist; dense; gray. | | |
| 22 | | | | | | | | | |
| 23 | | | 20 | | 0.0 | | | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | | | | | 0.0 | | (25.0-40.0') CLAY, little silt; high plasticity; no dilatancy; moist; stiff; gray.<br>Note: No odor throughout boring. | | |
| 27 | | | | | 0.0 | | | | |
| 28 | | | 31 | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | 0.0 | | | Backfill with Bentonite. | |
| 31 | | | | | 0.0 | | | | |
| 32 | | | | | | | | | |
| 33 | | | 35 | | 0.0 | | | | |
| 34 | | | | | | | | | |
| 35 | | | | | | | | | |
| 36 | | | | | 0.0 | | | | |
| 37 | | | | | 0.0 | | | | |
| 38 | | | | | | | | | |
| 39 | | | | | 0.0 | | | | |
| 40 | | | | | | | End of Boring at 40.0' bgs. | | |
| 41 | | | | | | | | | |

Remarks:

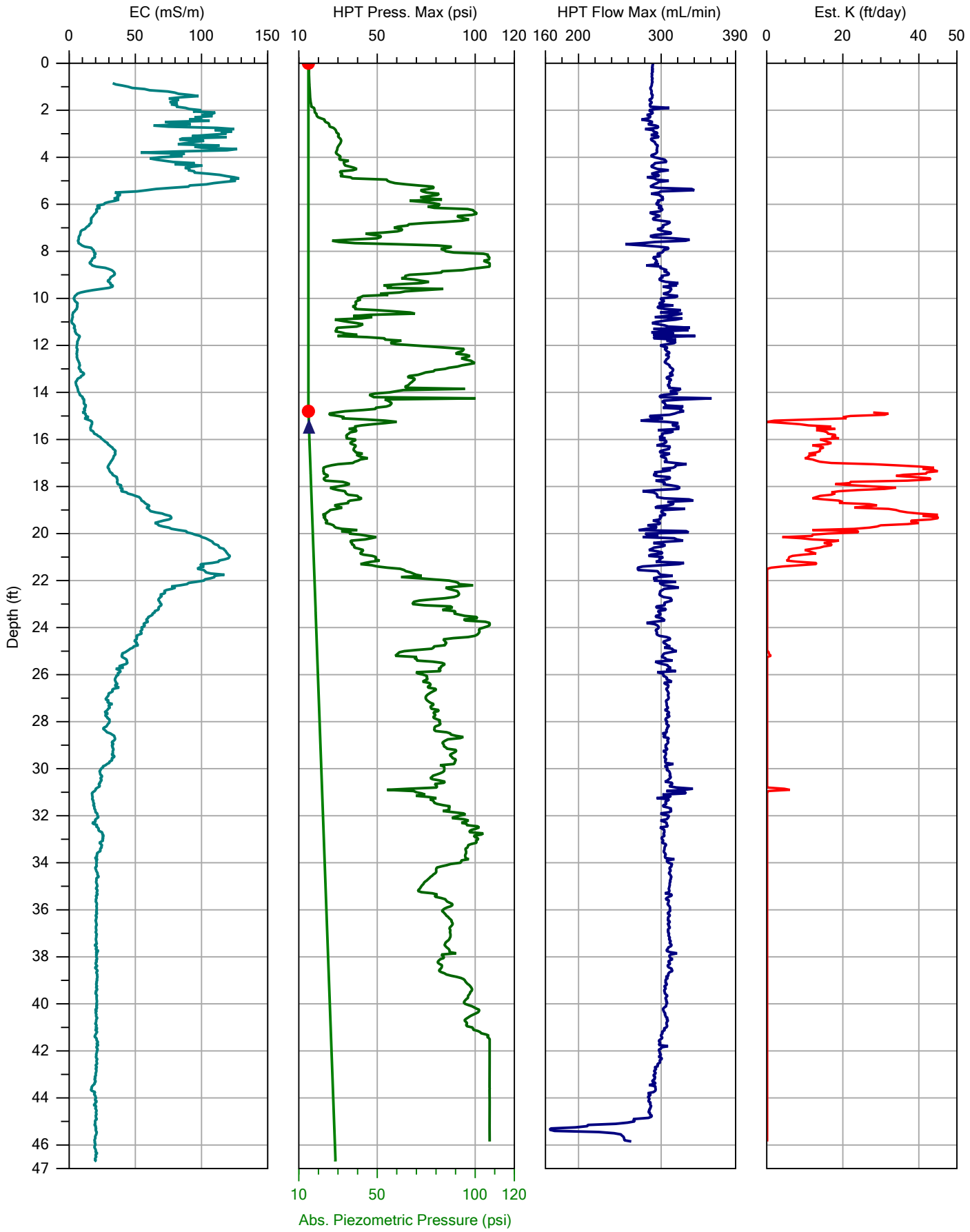
SOIL BORING LOG 2013 N:\COMMON\FORD\LIVONIA\03 NOTES AND DATA\BORING LOGS\FORD LTP BORING LOGS.GPJ ARCADIS.GDT 8/3/17



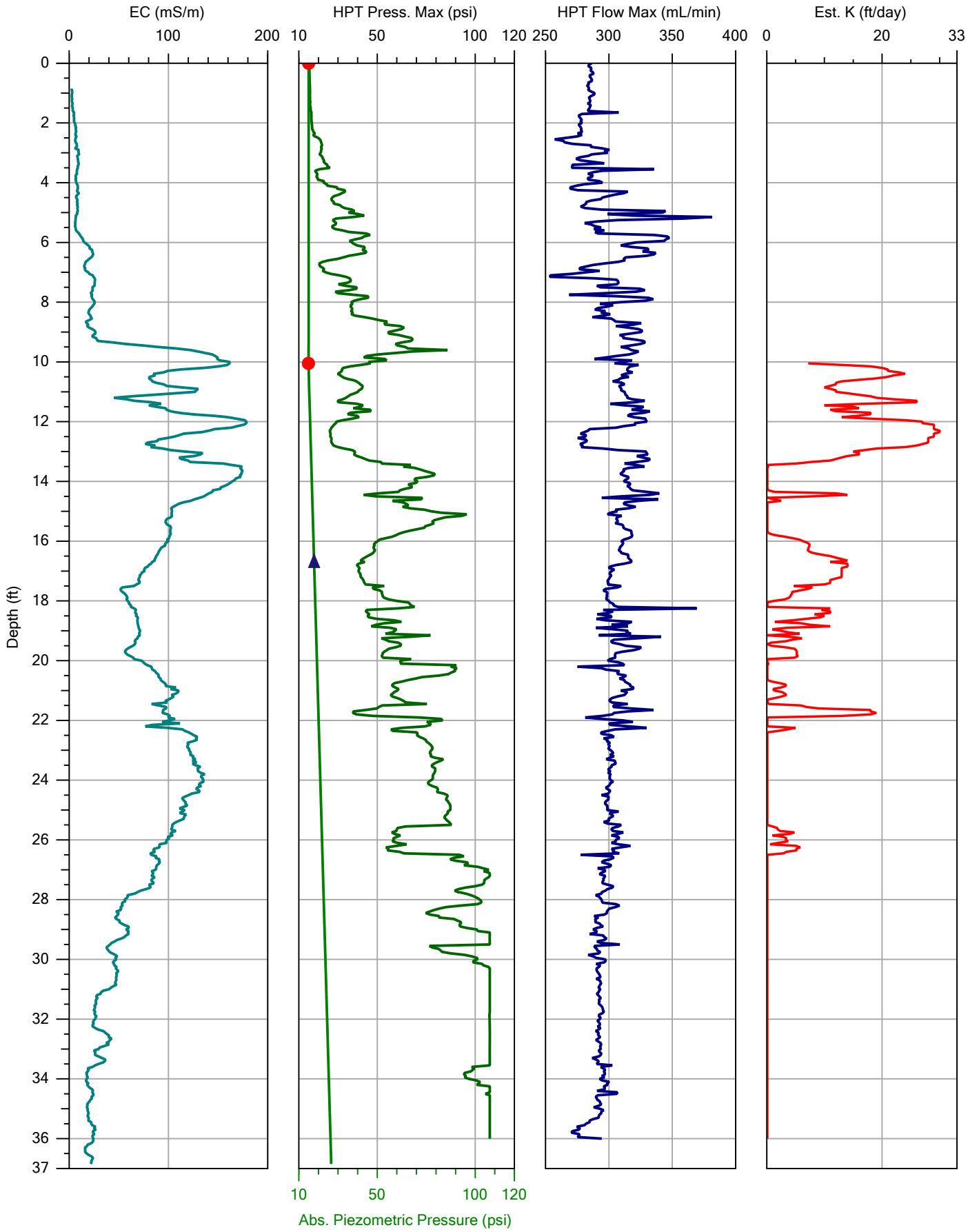

| | | | |
|---|---|---|---|
| | | | File: HPT-15.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/27/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



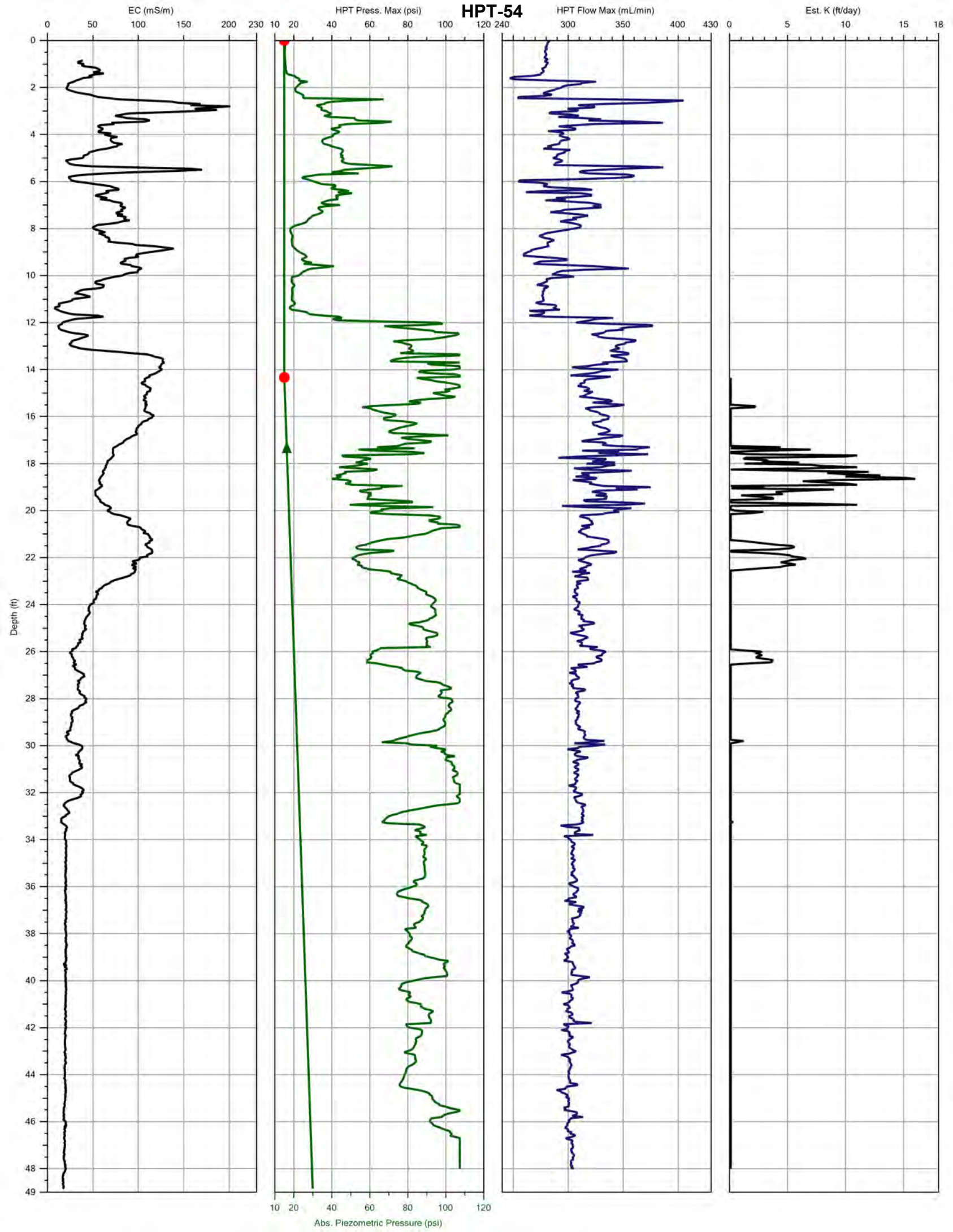

| | | | |
|---|---|---|---|
| | | | File: HPT-16.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/29/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |

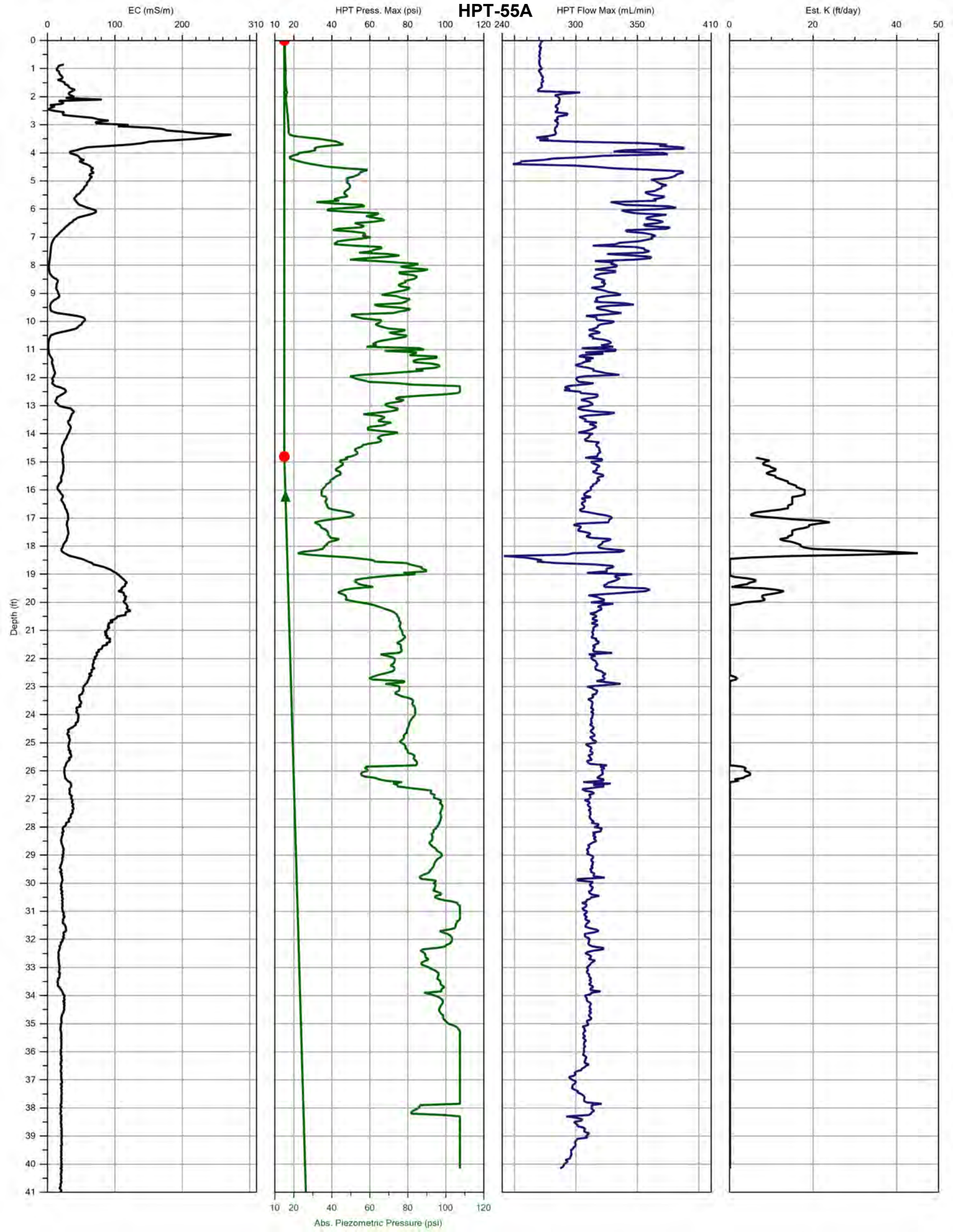


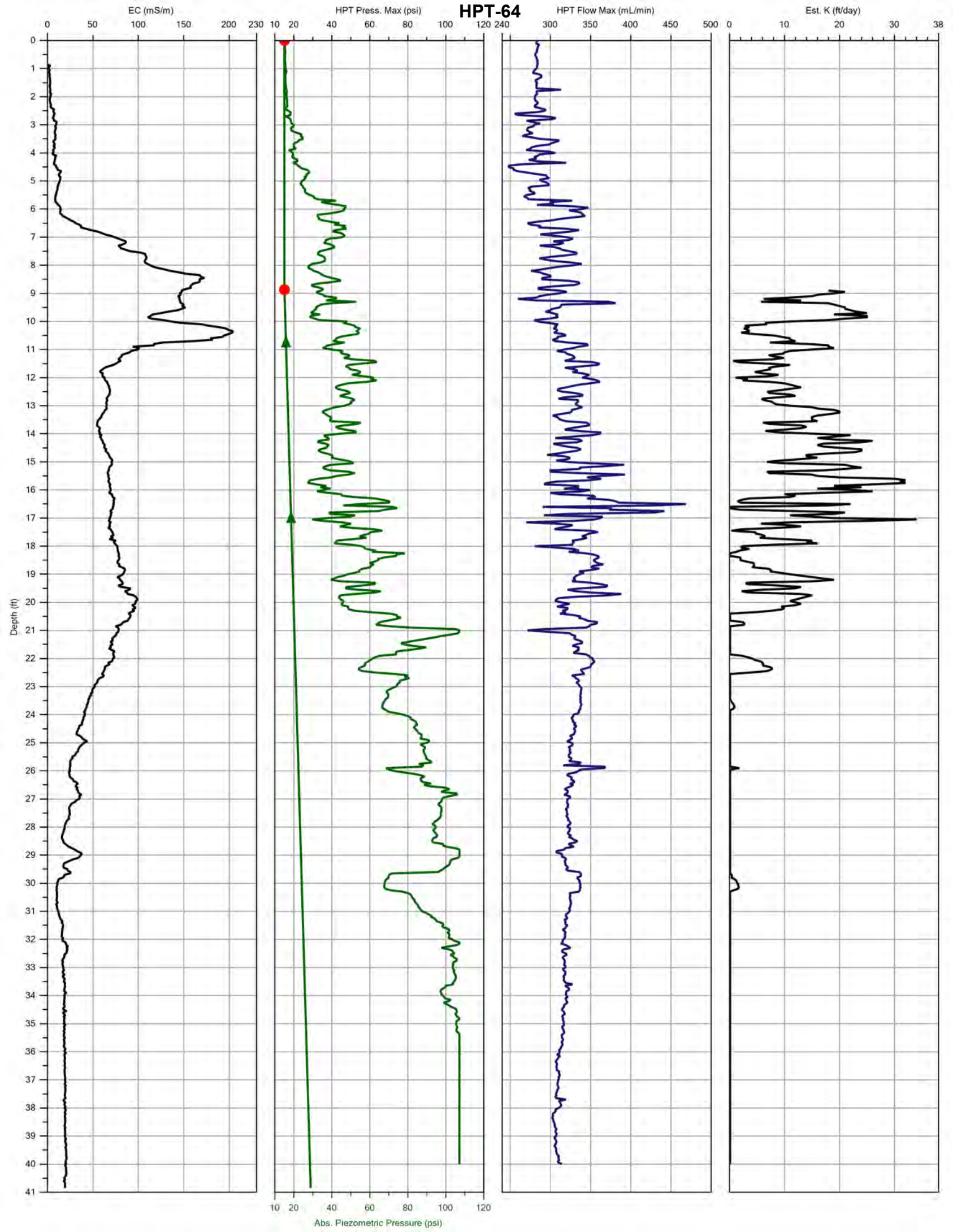

| | | | |
|---|---|---|---|
| | | | File: HPT-27.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 11/1/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |

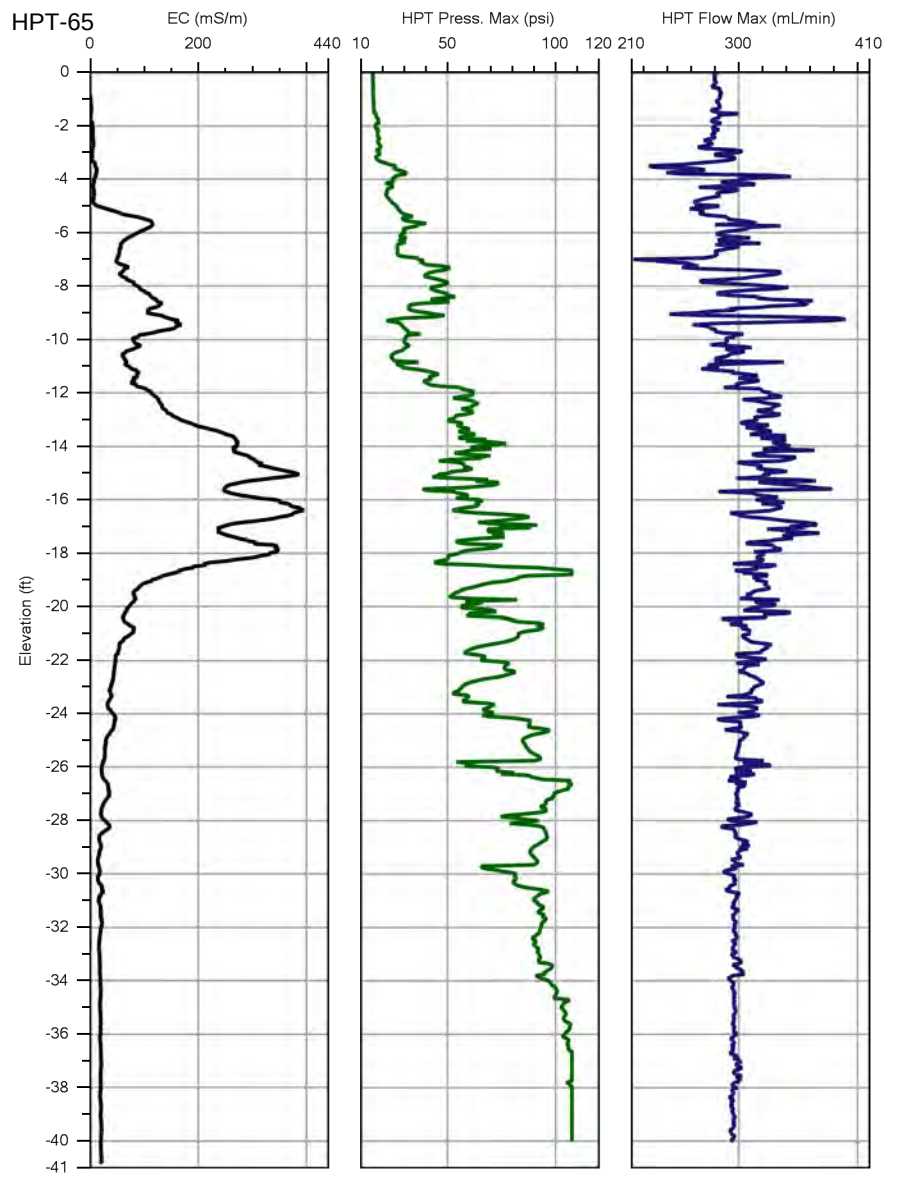


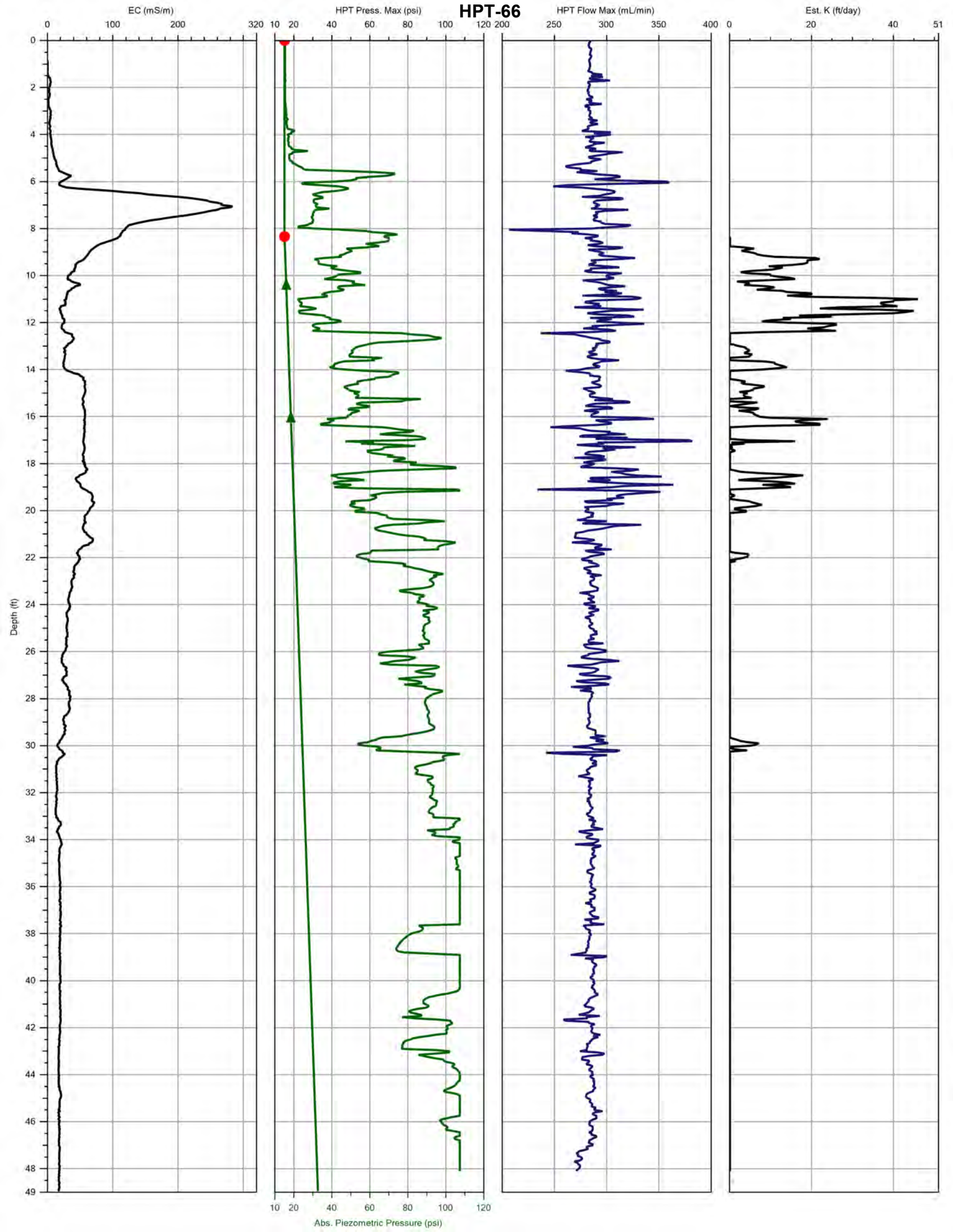

| | | | |
|---|---|---|---|
| | | | File: HPT-53.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 11/10/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |

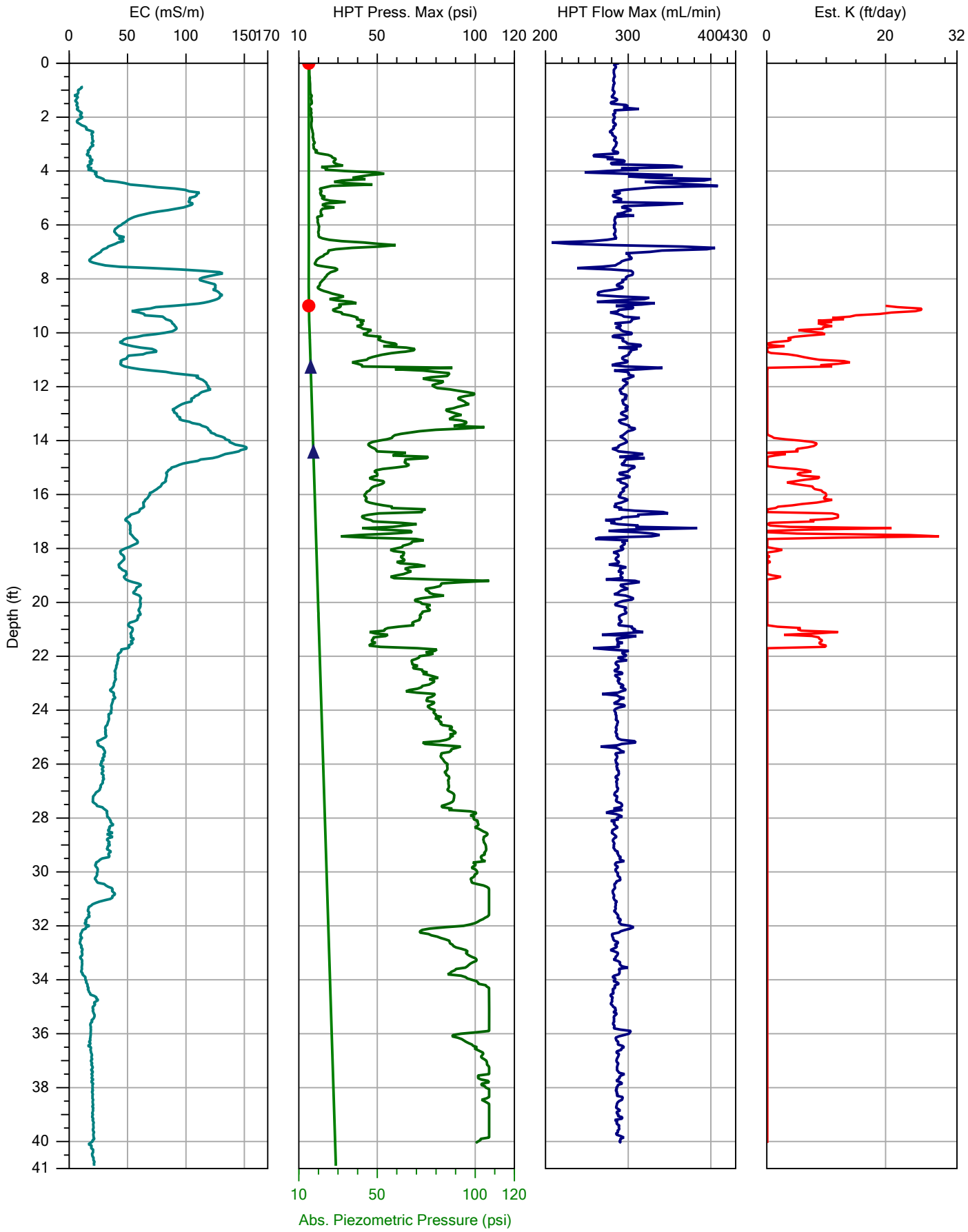

HPT-54
EC (mS/m)
HPT Press. Max (psi)
HPT Flow Max (mL/min)
Est. K (ft/day)
Depth (ft)
Abs. Piezometric Pressure (psi)


HPT-55A
EC (mS/m)
0
100
200
310
HPT Press. Max (psi)
10
20
40
60
80
100
120
HPT Flow Max (mL/min)
240
300
350
410
Est. K (ft/day)
0
20
40
50
Depth (ft)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
10
20
40
60
80
100
120
Abs. Piezometric Pressure (psi)

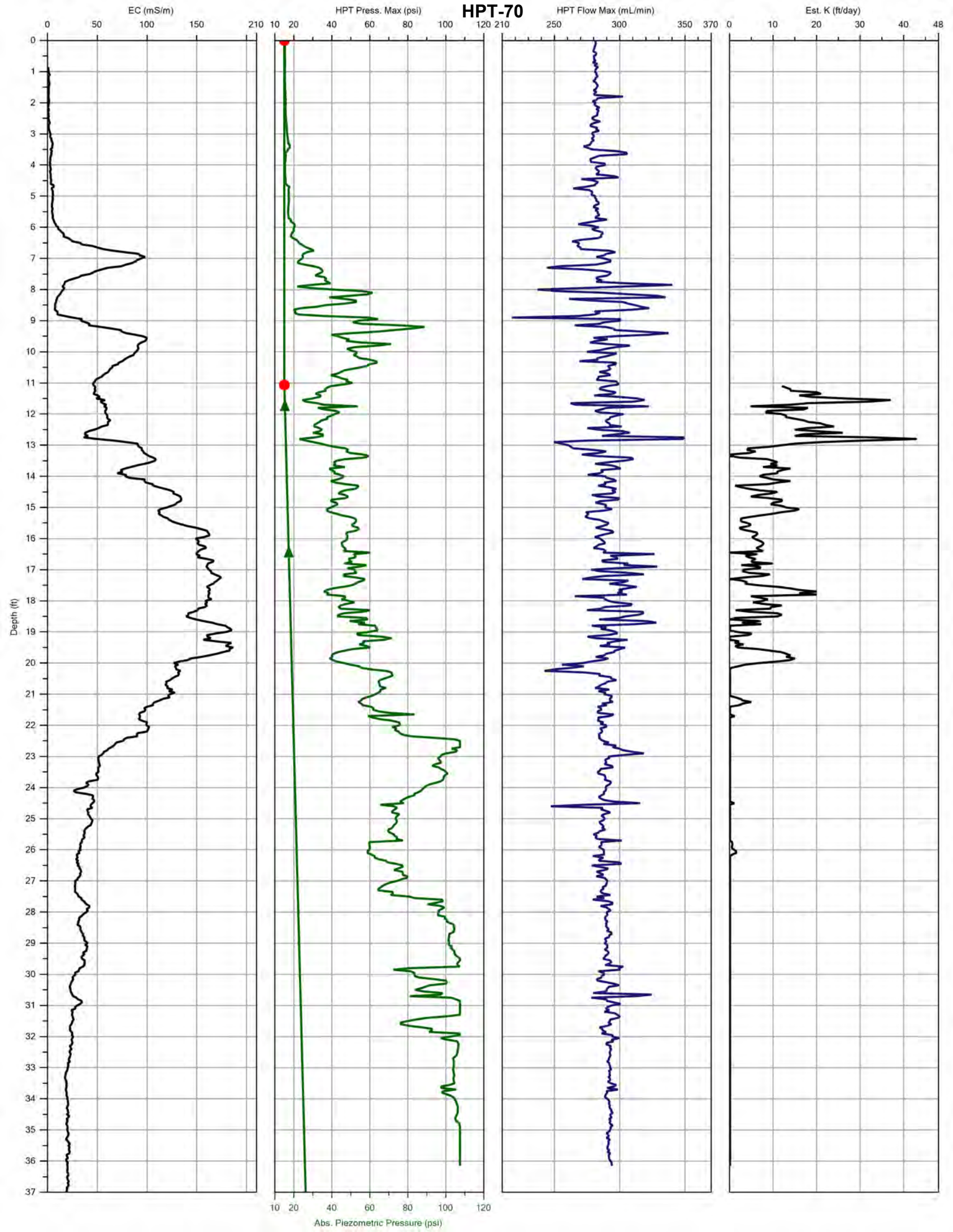

HPT-64
EC (mS/m)
HPT Press. Max (psi)
HPT Flow Max (mL/min)
Est. K (ft/day)
Depth (ft)
Abs. Piezometric Pressure (psi)

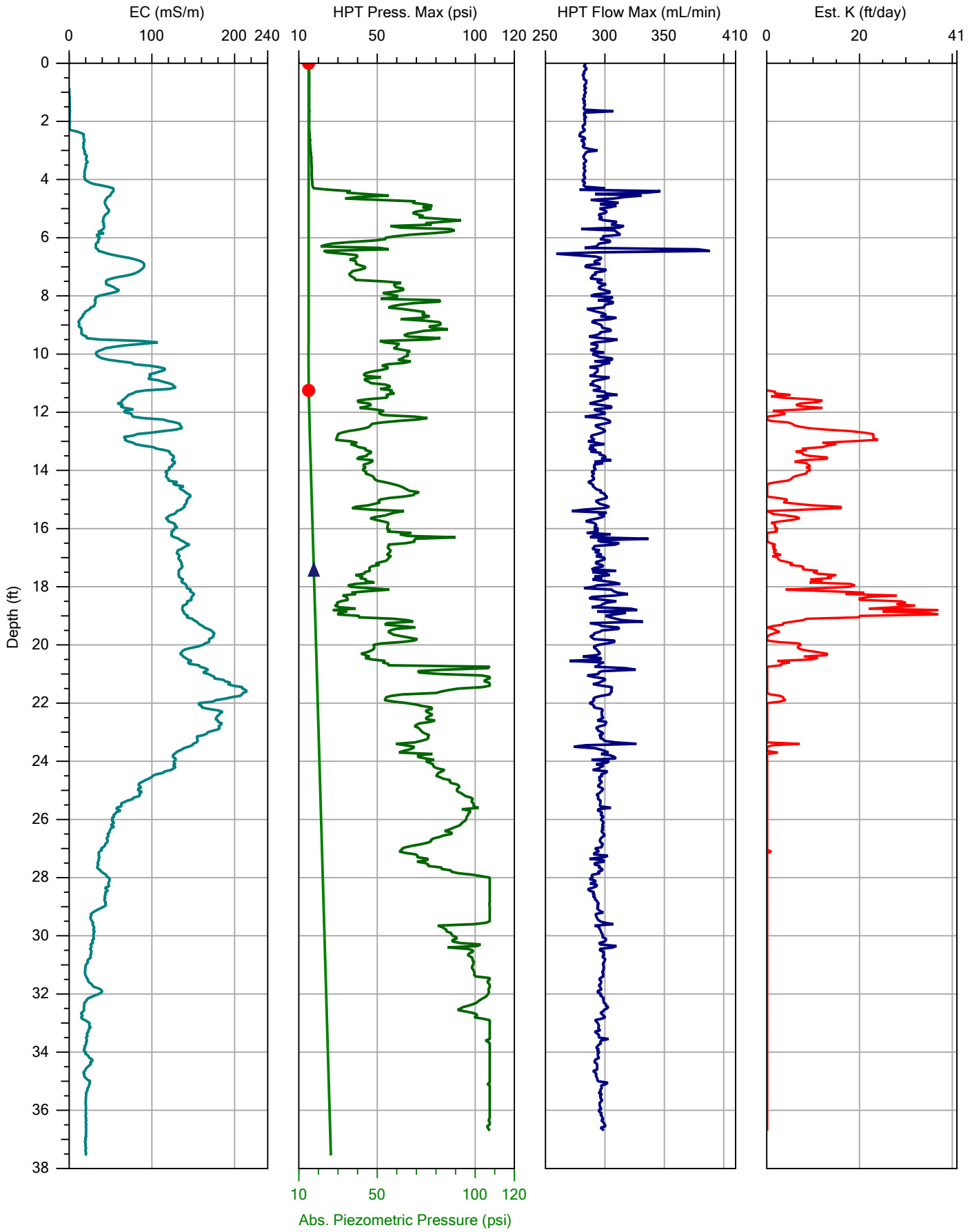

HPT-65
EC (mS/m)
0
200
440
HPT Press. Max (psi)
10
50
100
120
HPT Flow Max (mL/min)
210
300
410
Elevation (ft)
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
-22
-24
-26
-28
-30
-32
-34
-36
-38
-40
-41


HPT-66
EC (mS/m)
0
100
200
320
HPT Press. Max (psi)
10
20
40
60
80
100
120
HPT Flow Max (mL/min)
200
250
300
350
400
Est. K (ft/day)
0
20
40
51
Depth (ft)
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
49
10
20
40
60
80
100
120
Abs. Piezometric Pressure (psi)

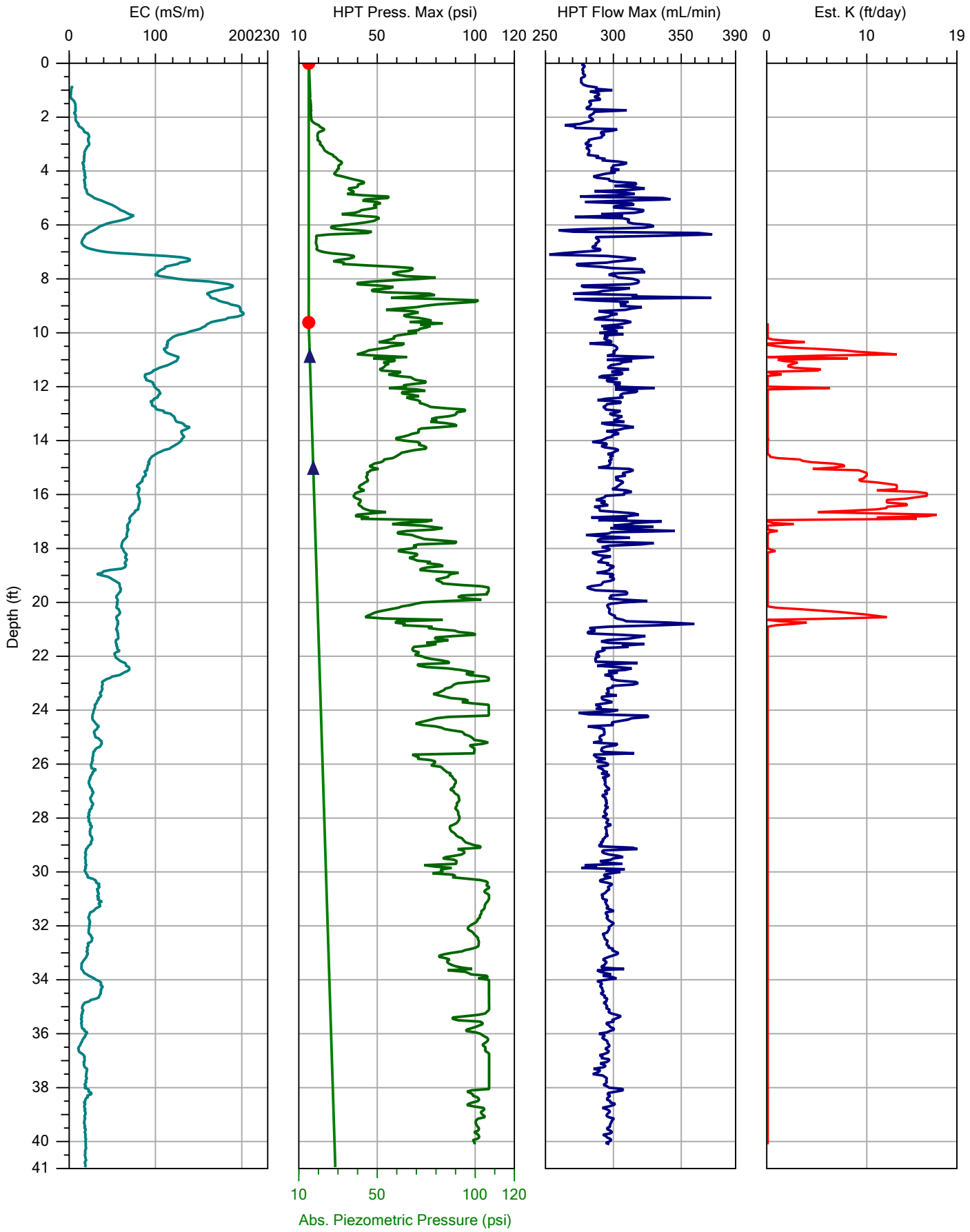



| | | | |
|---|---|---|---|
| | | | File: HPT-67.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 11/4/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |

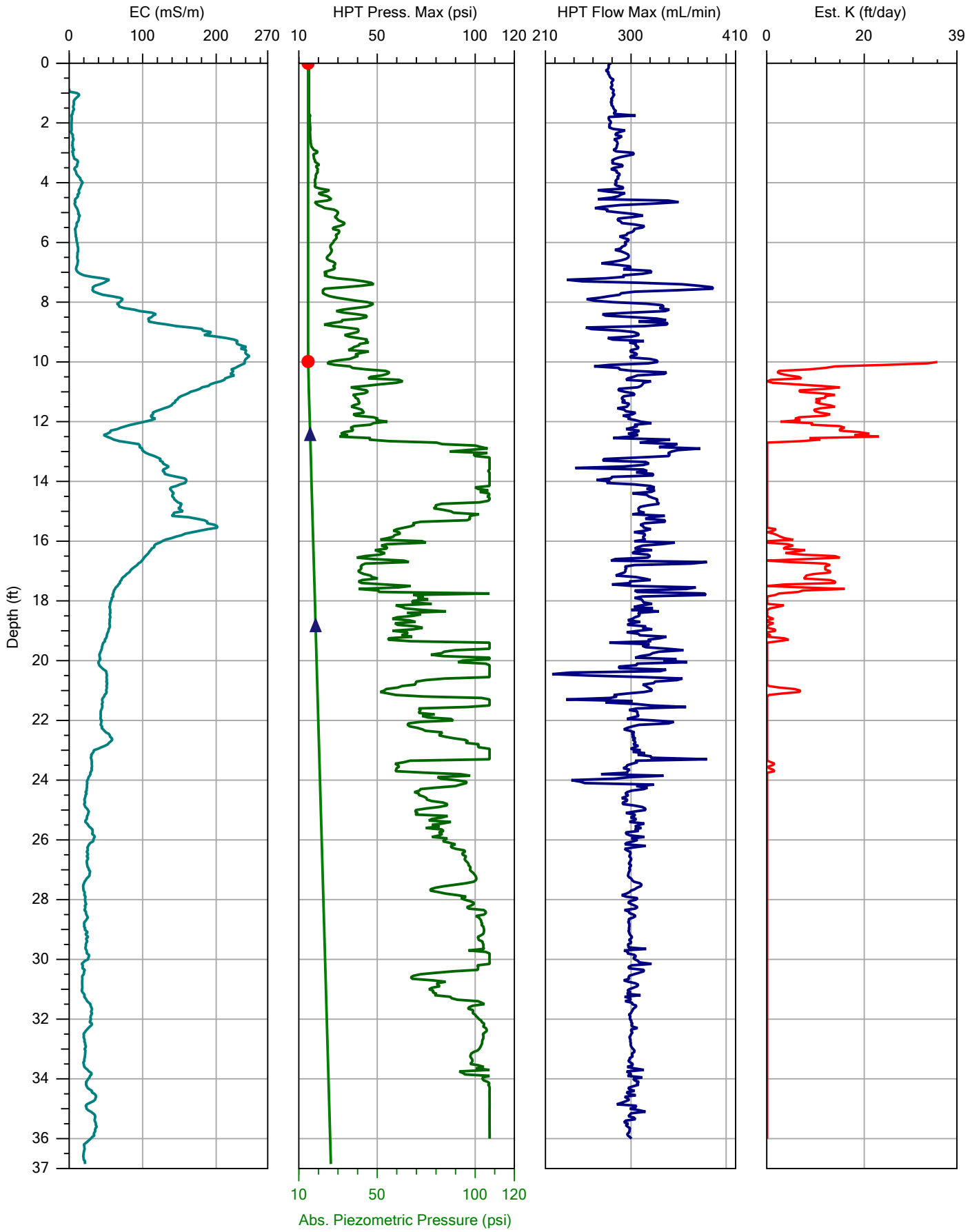

HPT-70
EC (mS/m)
0 50 100 150 210
HPT Press. Max (psi)
10 20 40 60 80 100 120
HPT Flow Max (mL/min)
210 250 300 350 370
Est. K (ft/day)
0 10 20 30 40 48
Depth (ft)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37
10 20 40 60 80 100 120
Abs. Piezometric Pressure (psi)



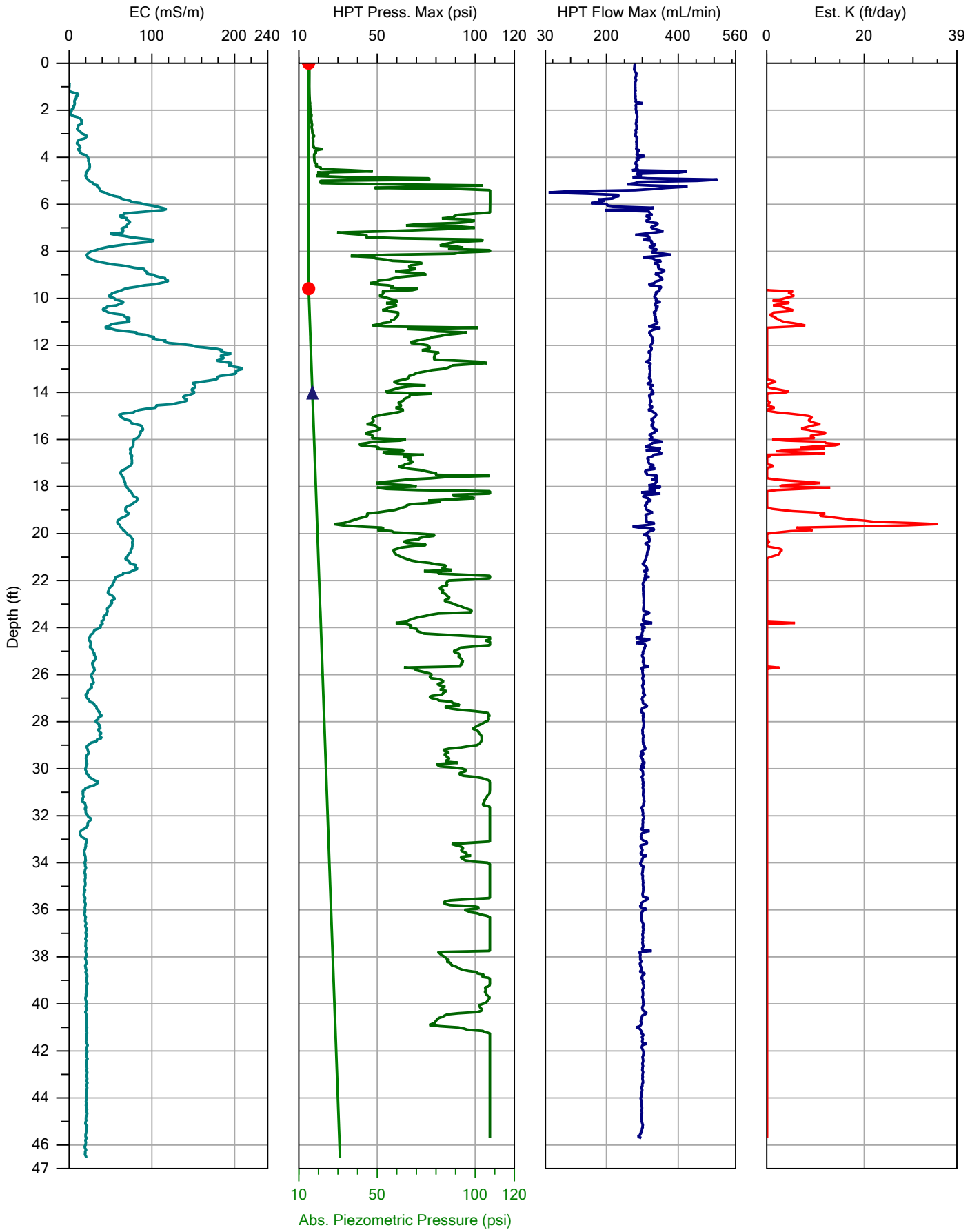

| | | | |
|---|---|---|---|
| | | | File: HPT-71.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 11/10/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



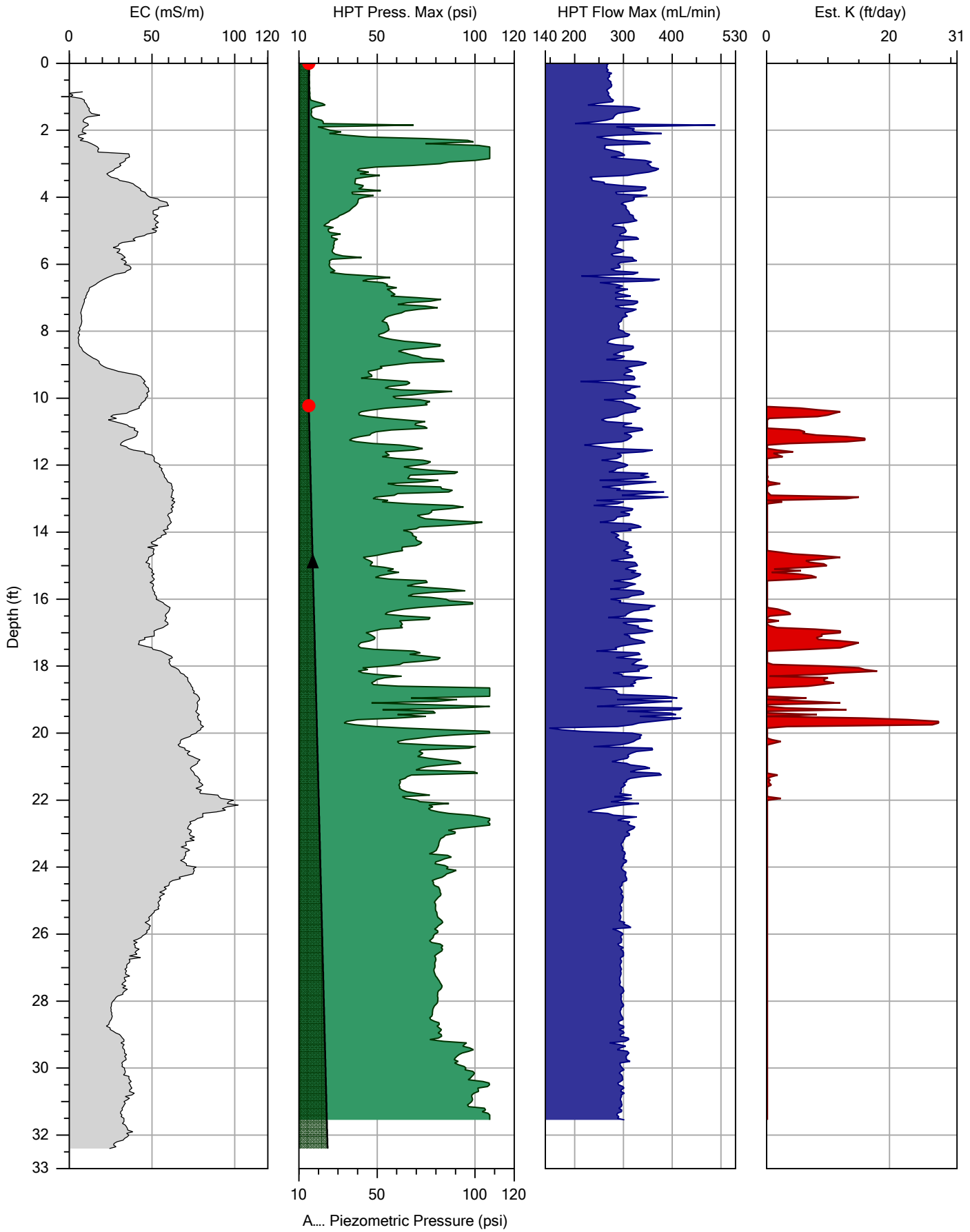

| | | | |
|---|---|---|---|
| | | | File: HPT-72.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 11/4/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |




| | | | |
|---|---|---|---|
| | | | File: HPT-73.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 10/28/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |

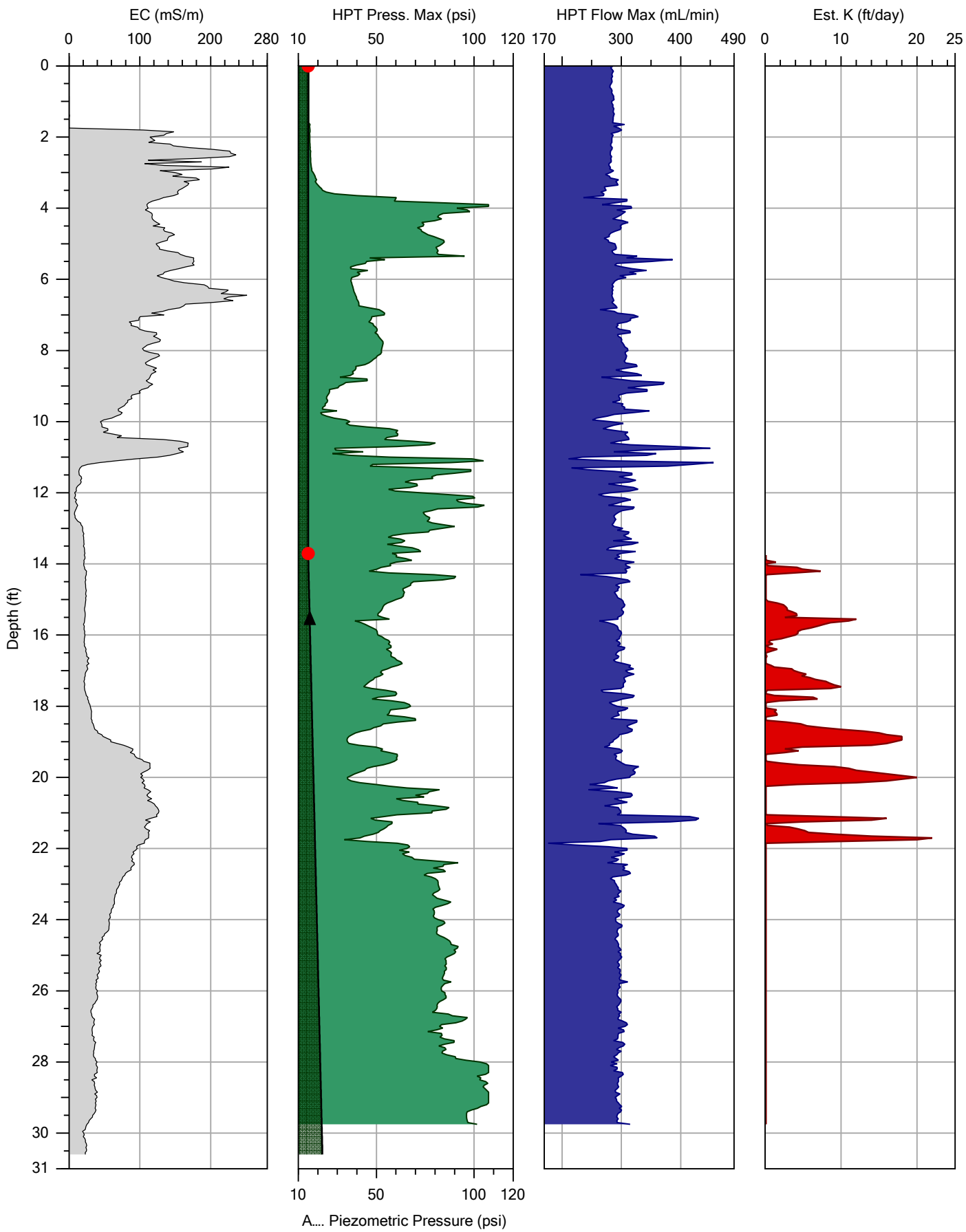



| | | | |
|---|---|---|---|
| | | | File: HPT-74.HPT |
| Company: Matrix Environmental | | Operator: A. Kirsch | Date: 11/10/2015 |
| Project ID: Livonia Ford Transmission | | Client: Arcadis | Location: |



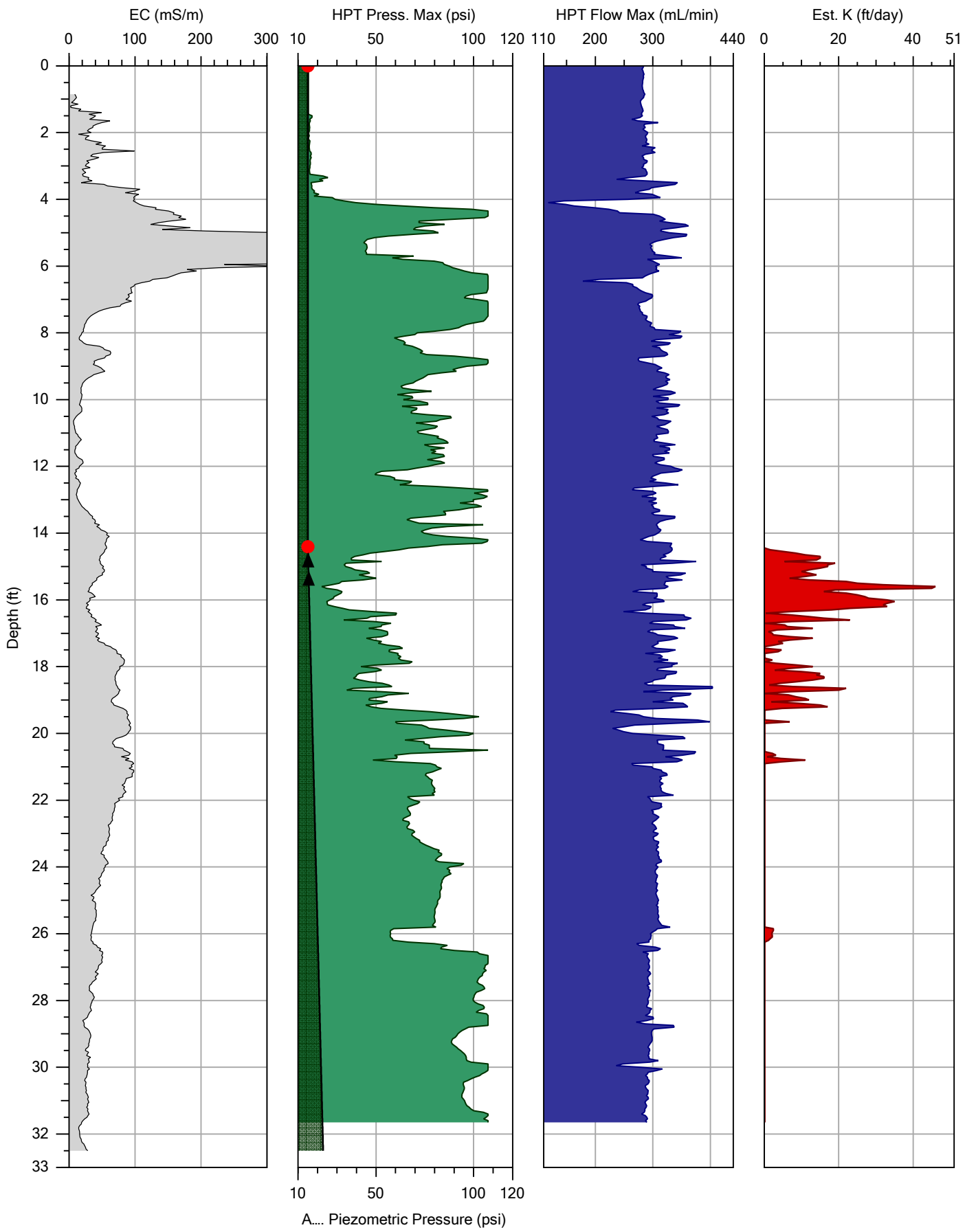

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| | | |
|---|---|---|
| | | File: HPT-153.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/27/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |



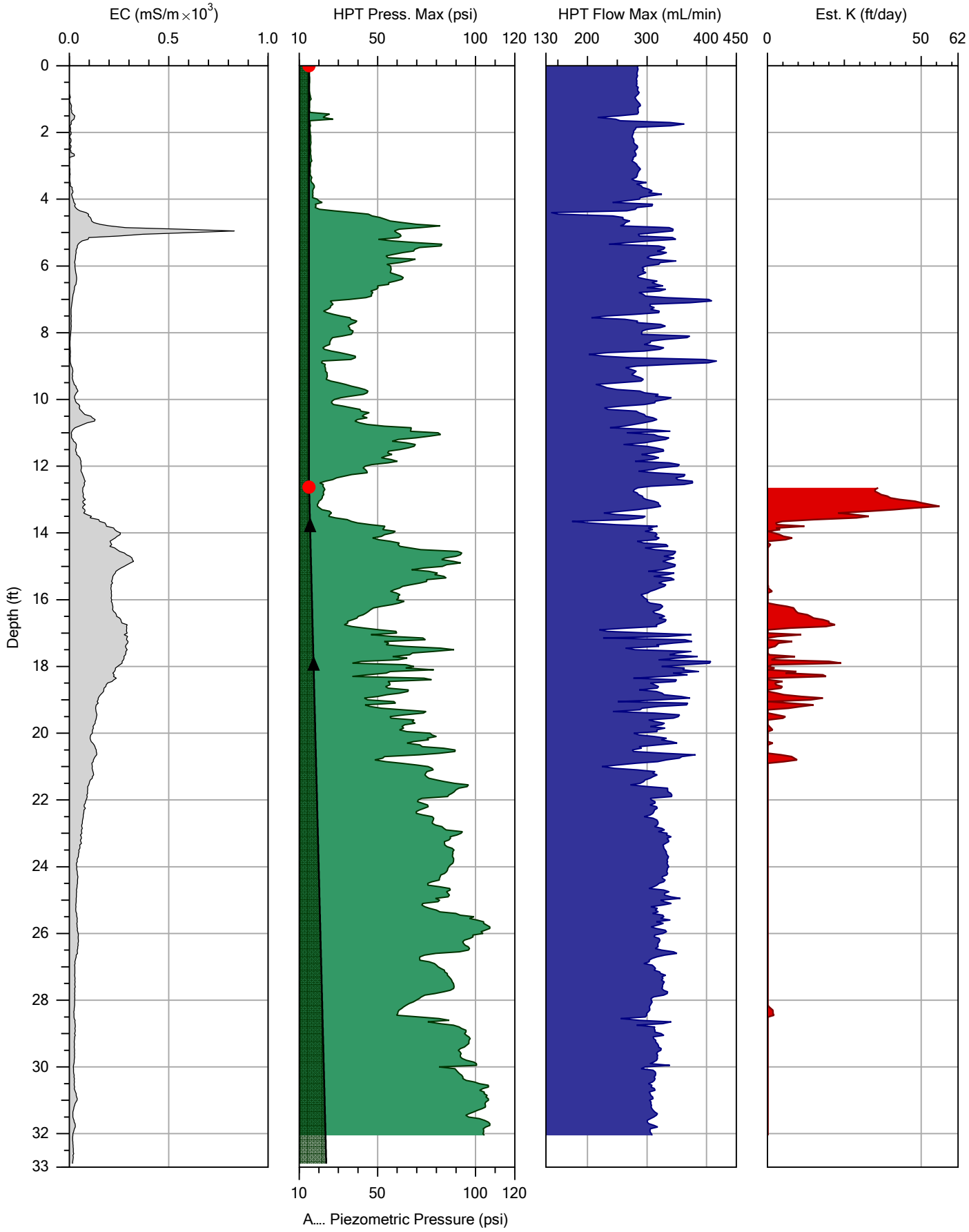

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| | | |
|---|---|---|
| | | File: HPT-154.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/27/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |



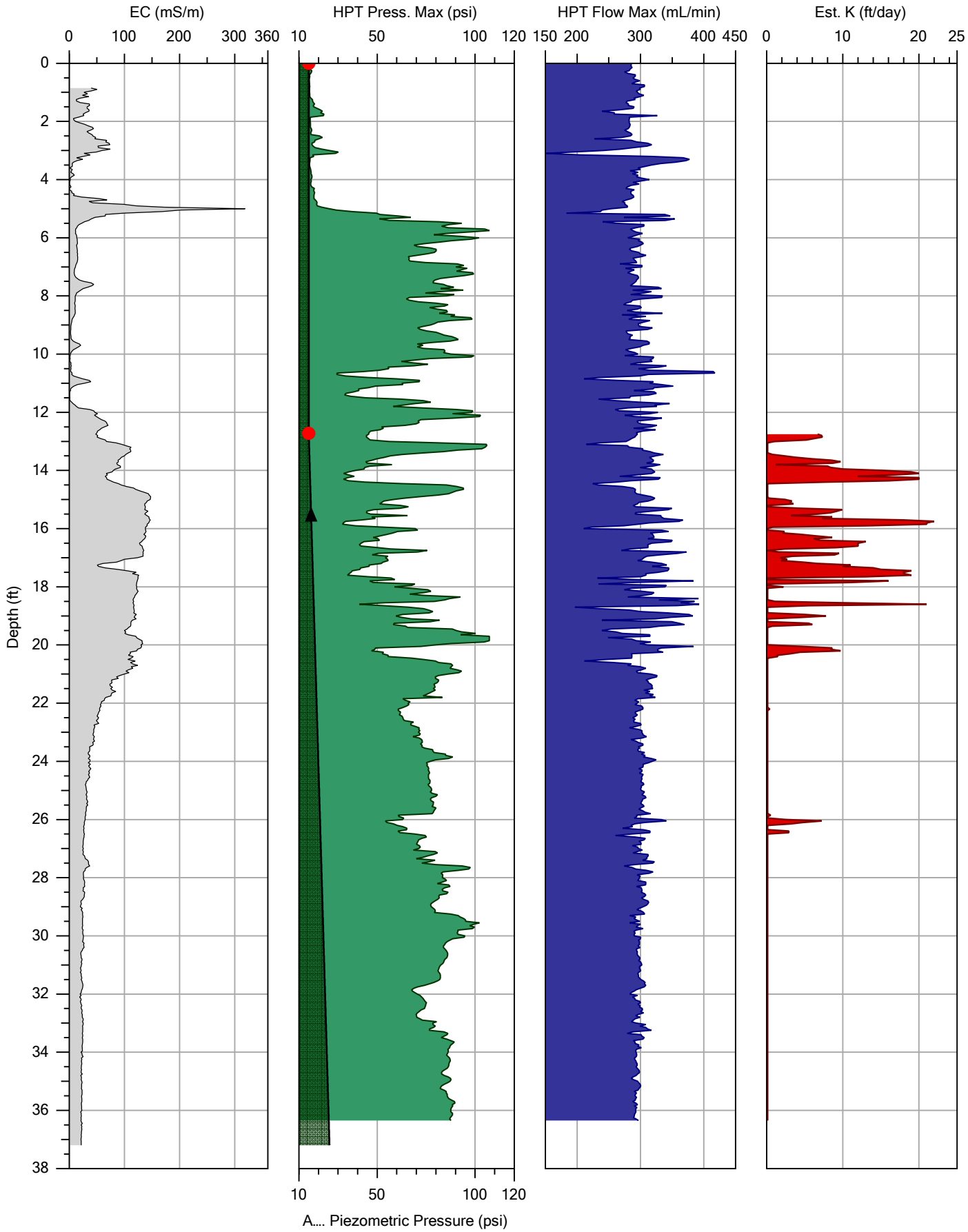

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| | | |
|---|---|---|
| | | File: HPT-155.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/26/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |



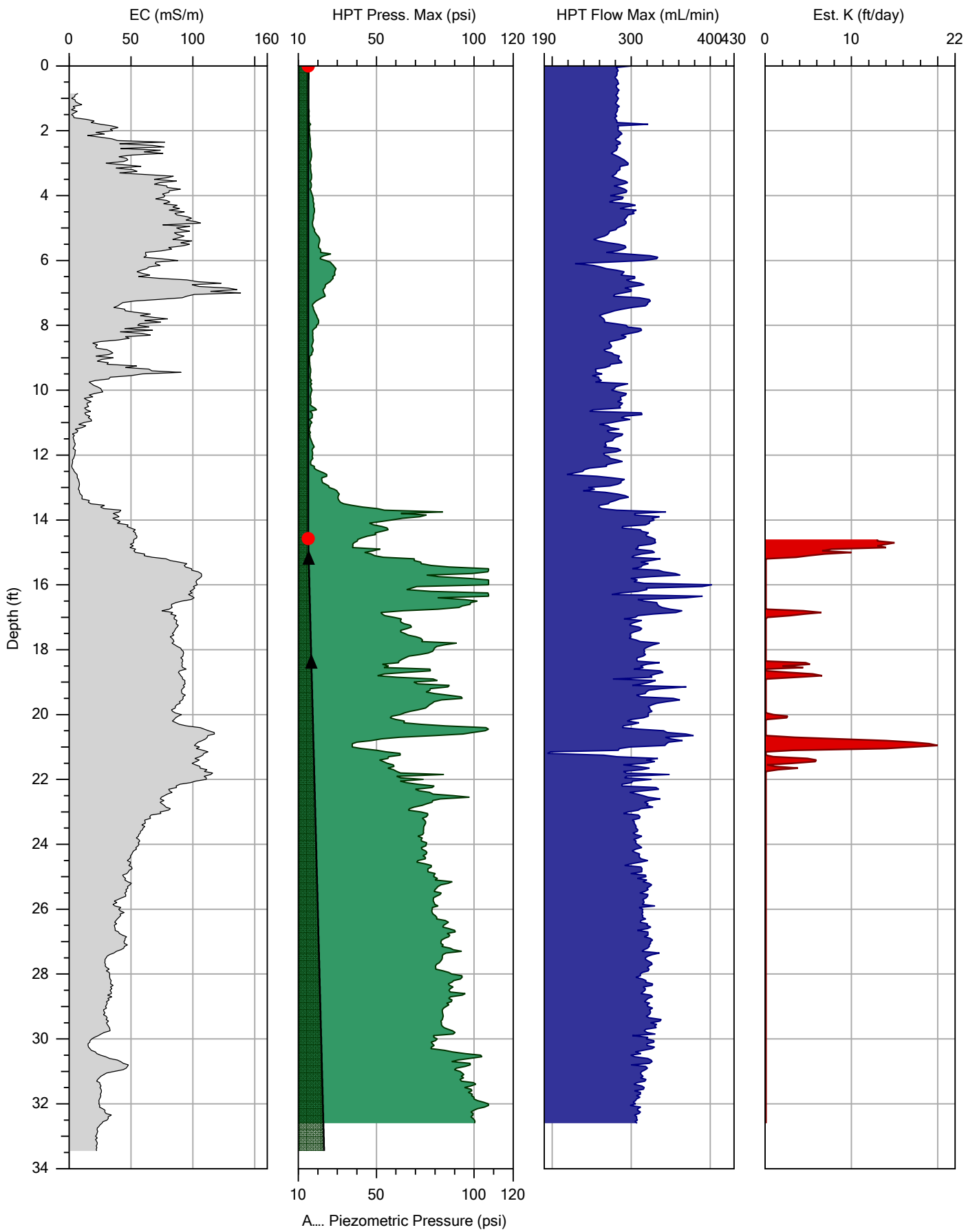

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| | | |
|---|---|---|
| | | File: HPT-156.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/26/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |



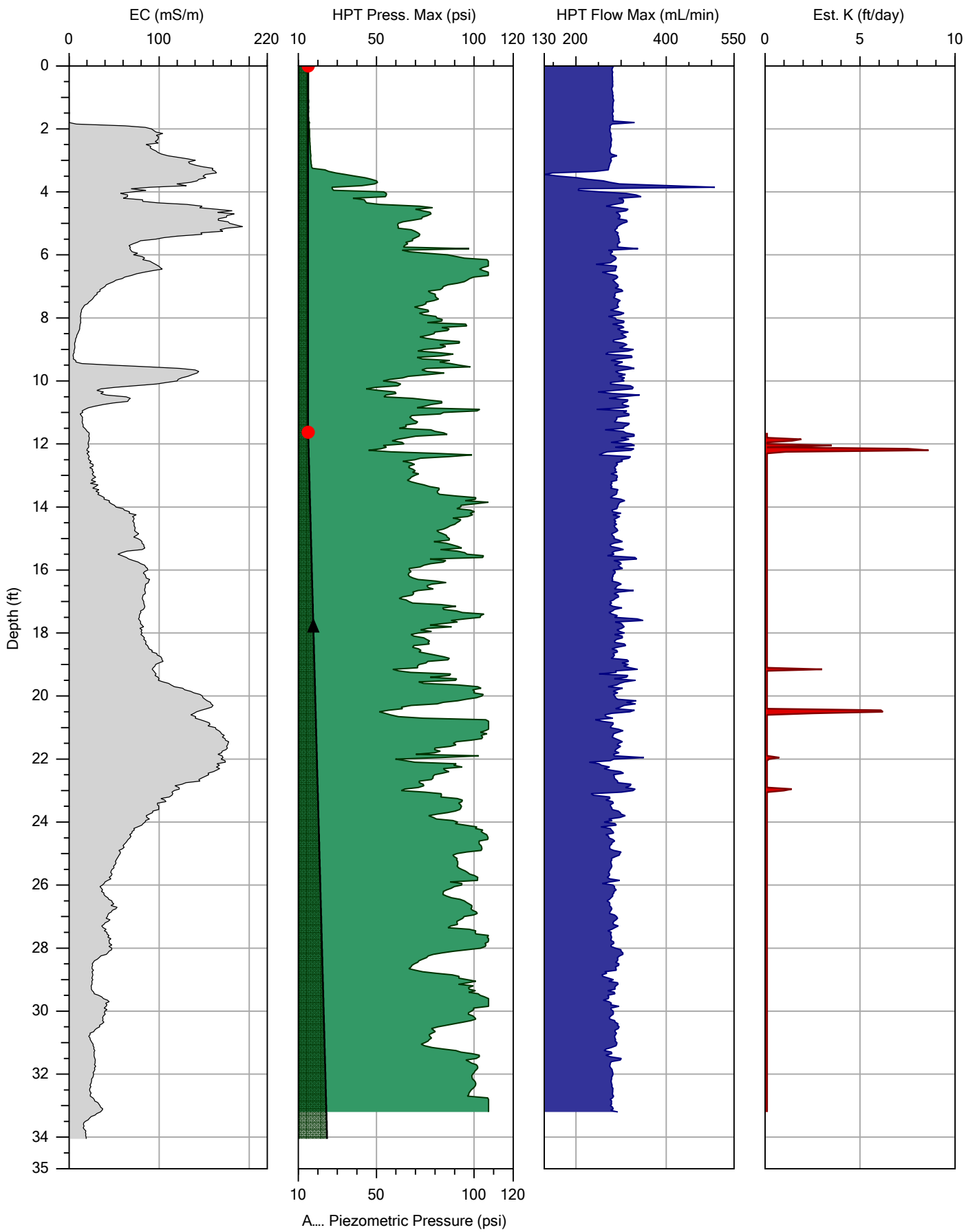

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| | | |
|---|---|---|
| | | File: HPT-157.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/26/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |



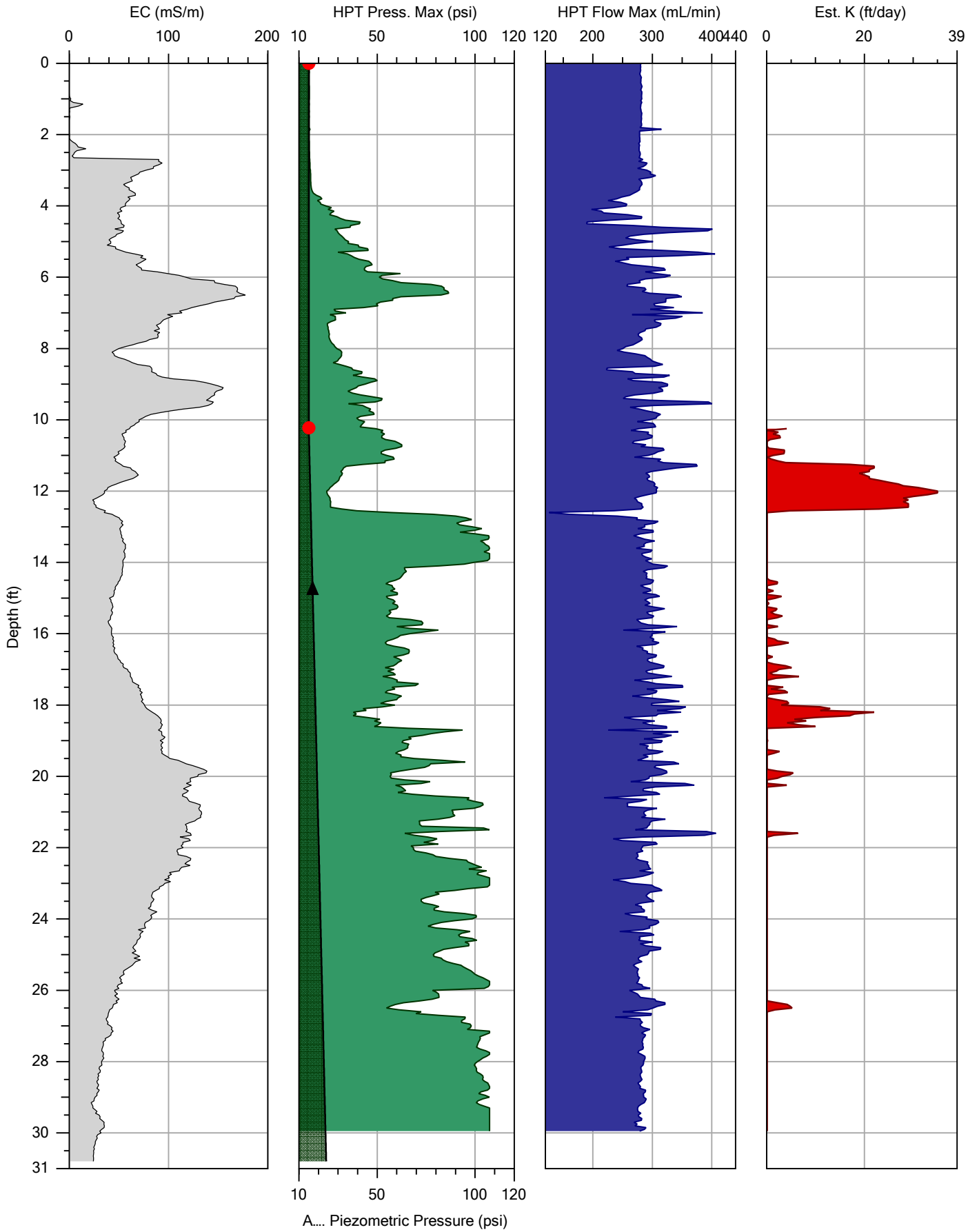

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| | | |
|---|---|---|
| | | File: HPT-158.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/26/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |



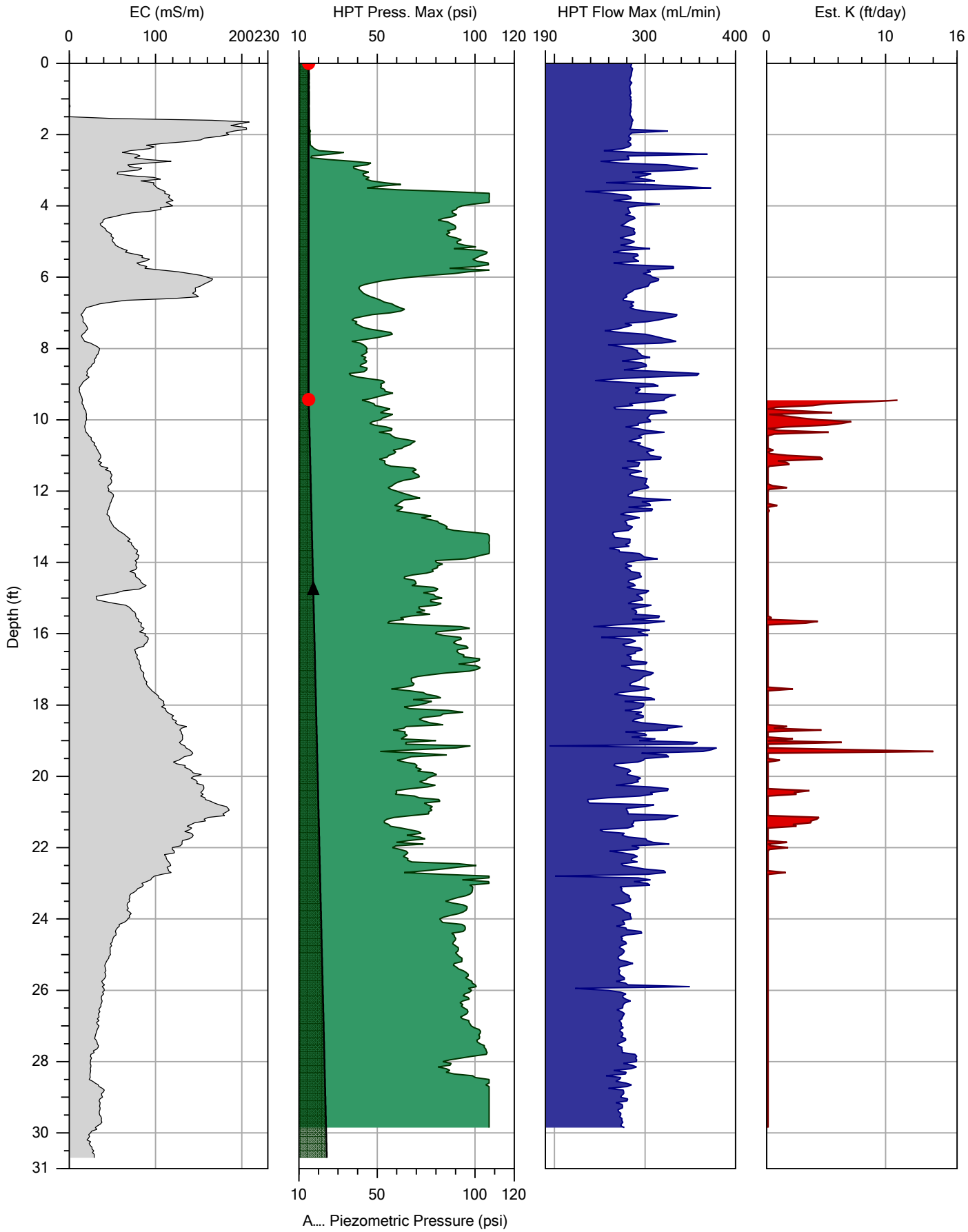

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| | | |
|---|---|---|
| | | File: HPT-159.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/27/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |

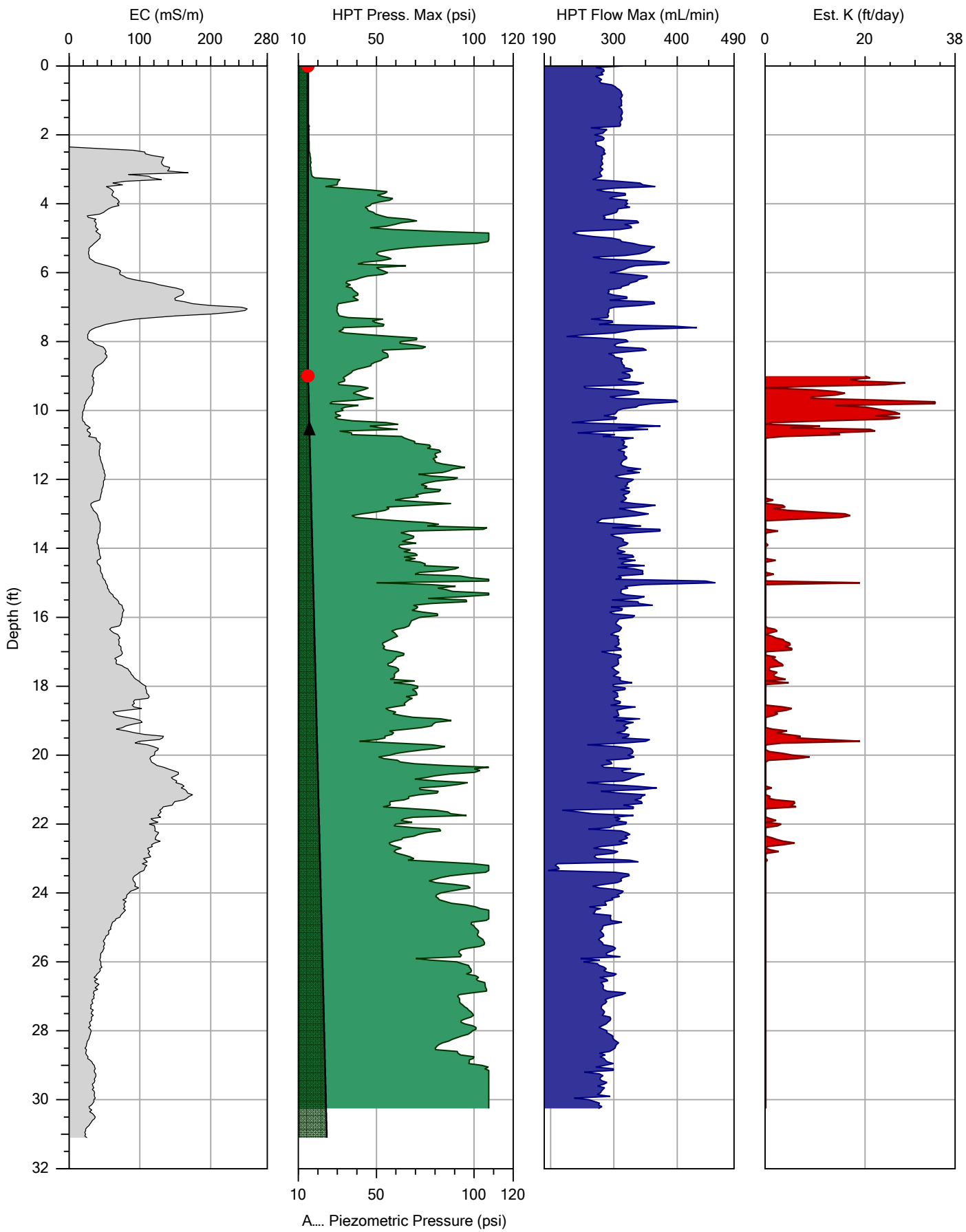



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| | | |
|---|---|---|
| | | File: HPT-160.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/27/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |

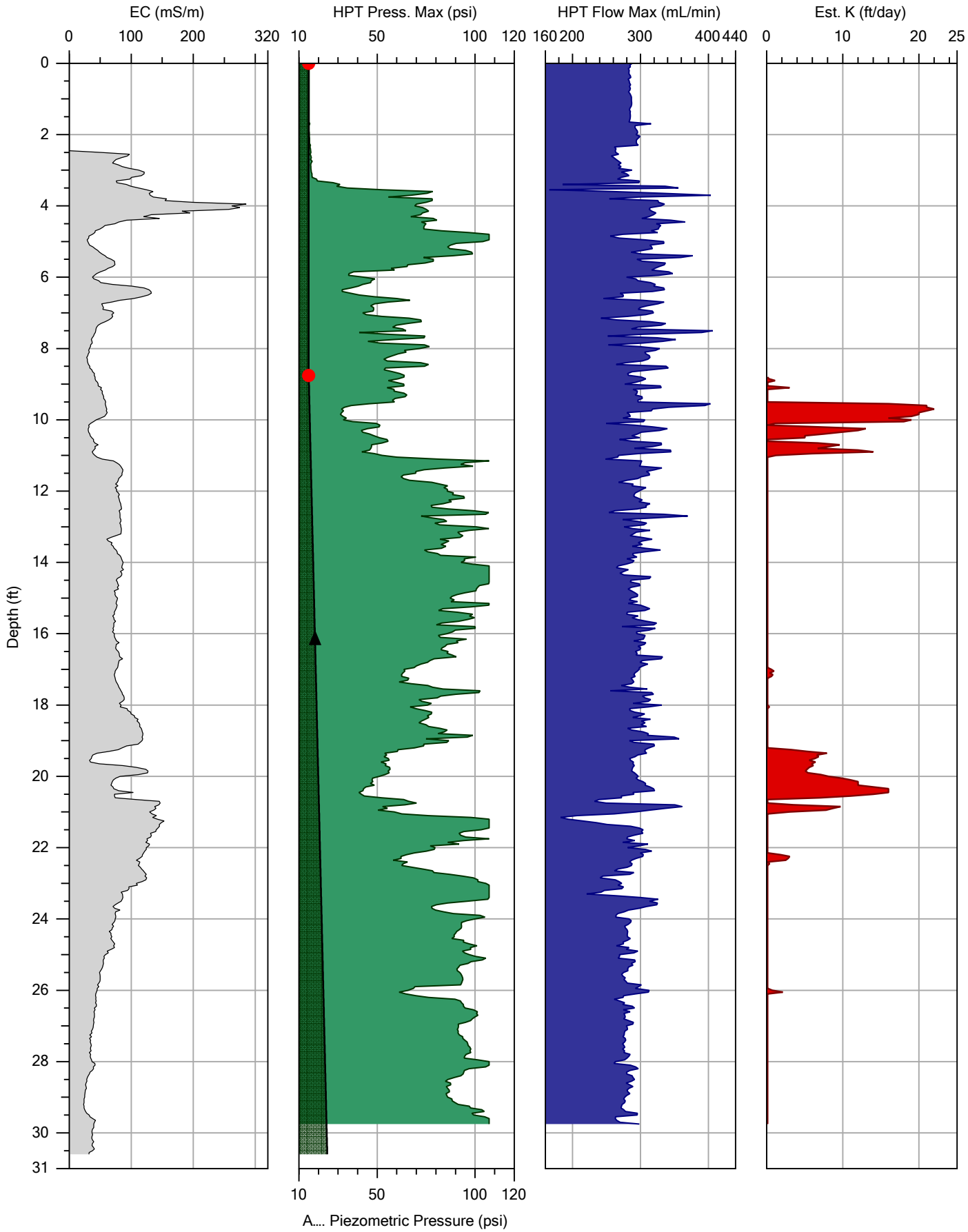



| | | | |
|---|---|---|---|
| | | | File: HPT-161.HPT |
| Company: Dakota Technologies | | Operator: A. Kirsch | Date: 7/27/2016 |
| Project ID: 176.16/Livonia Ford Transmission | | Client: Arcadis | Location: |



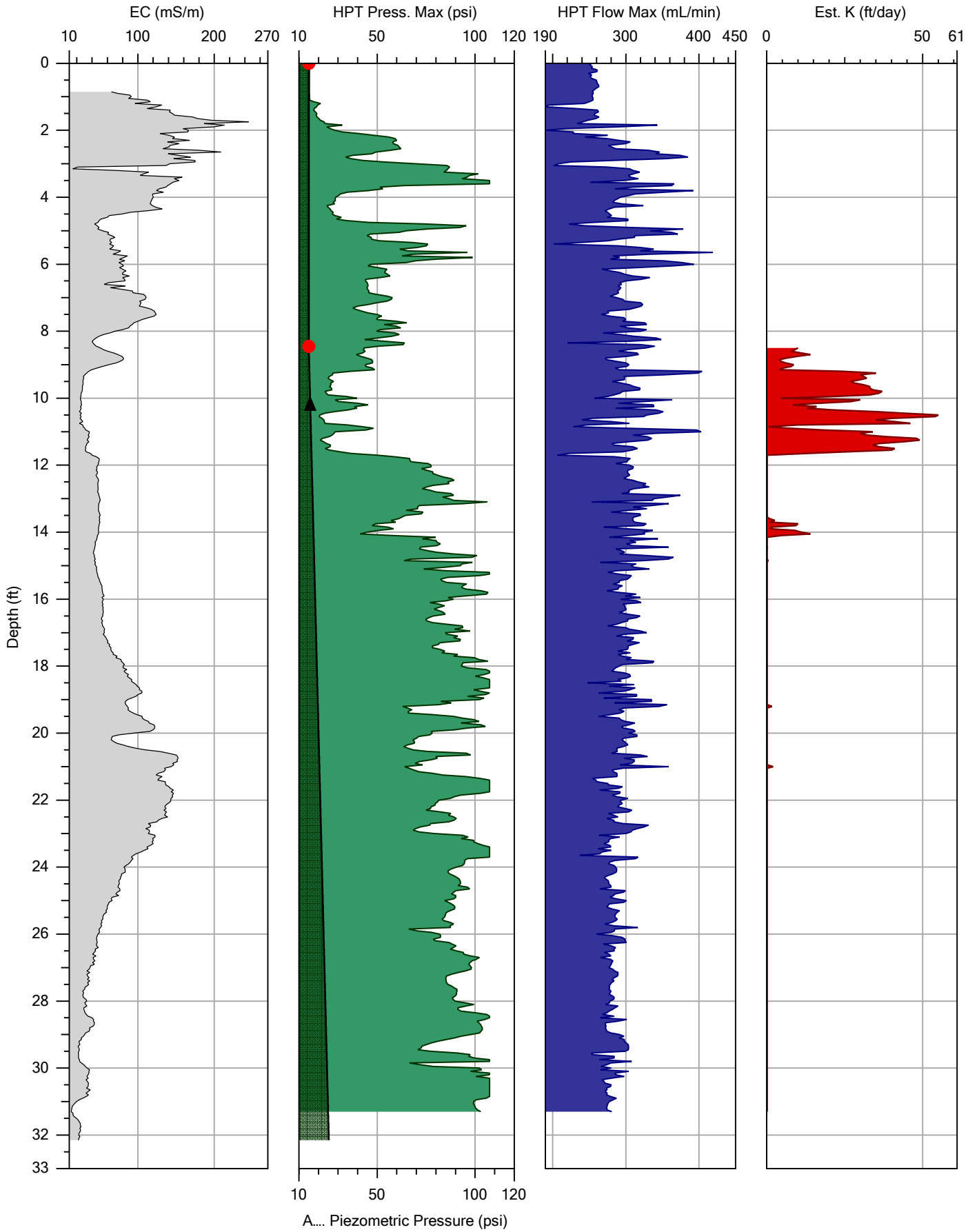

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| | | |
|---|---|---|
| | | File: HPT-162.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/28/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |



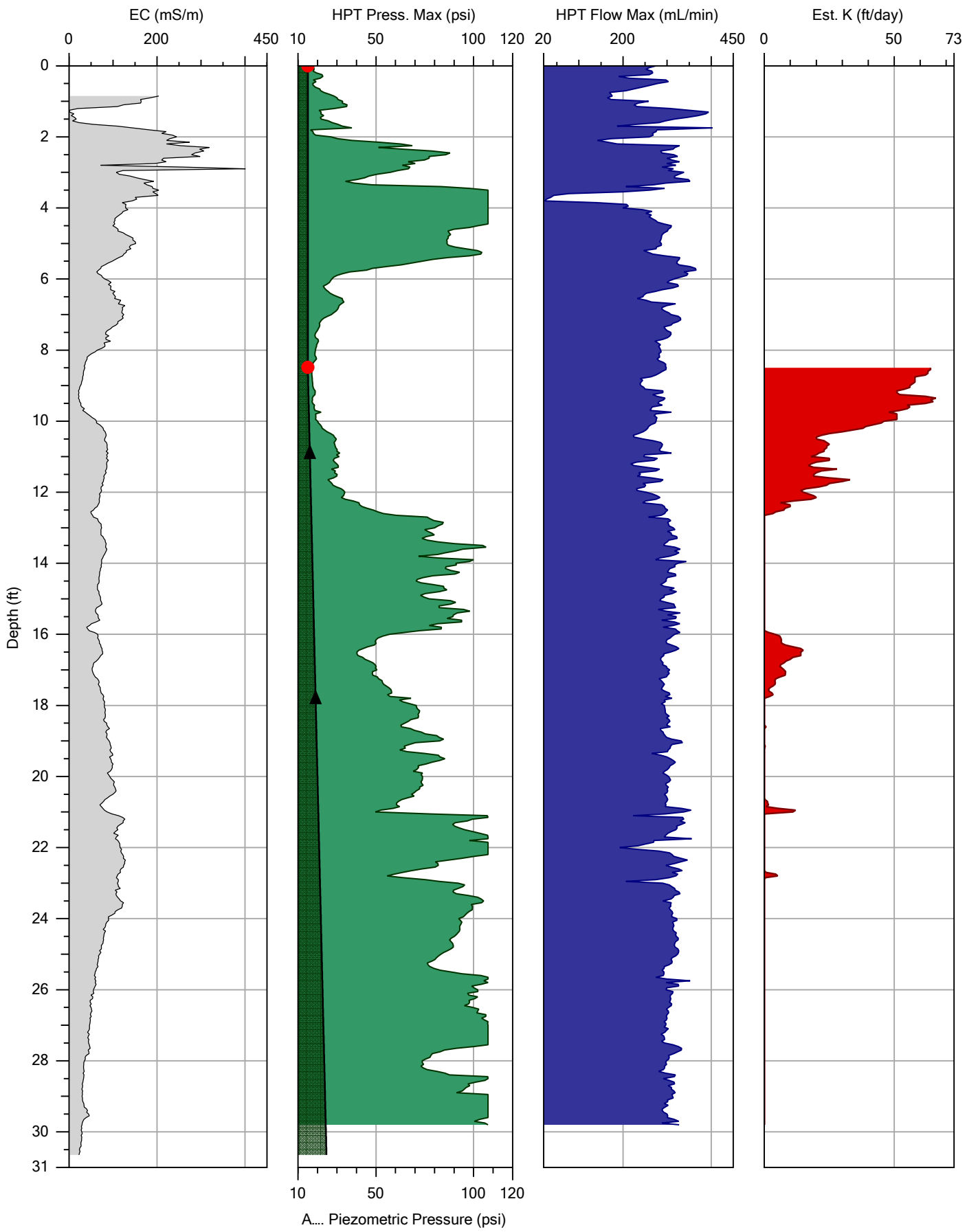

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| | | |
|---|---|---|
| | | File: HPT-163.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/27/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |



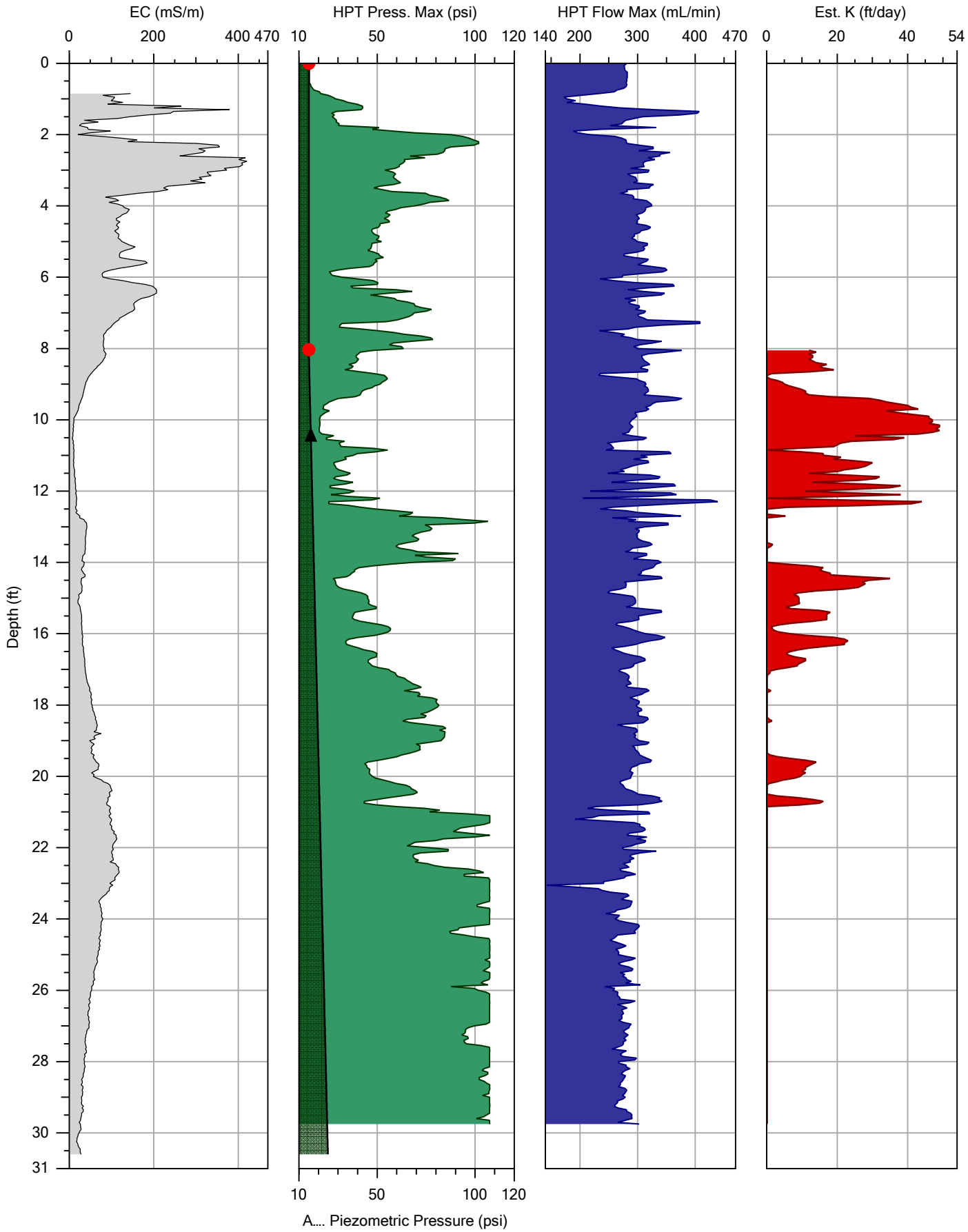

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| | | |
|---|---|---|
| | | File: HPT-164.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/28/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |



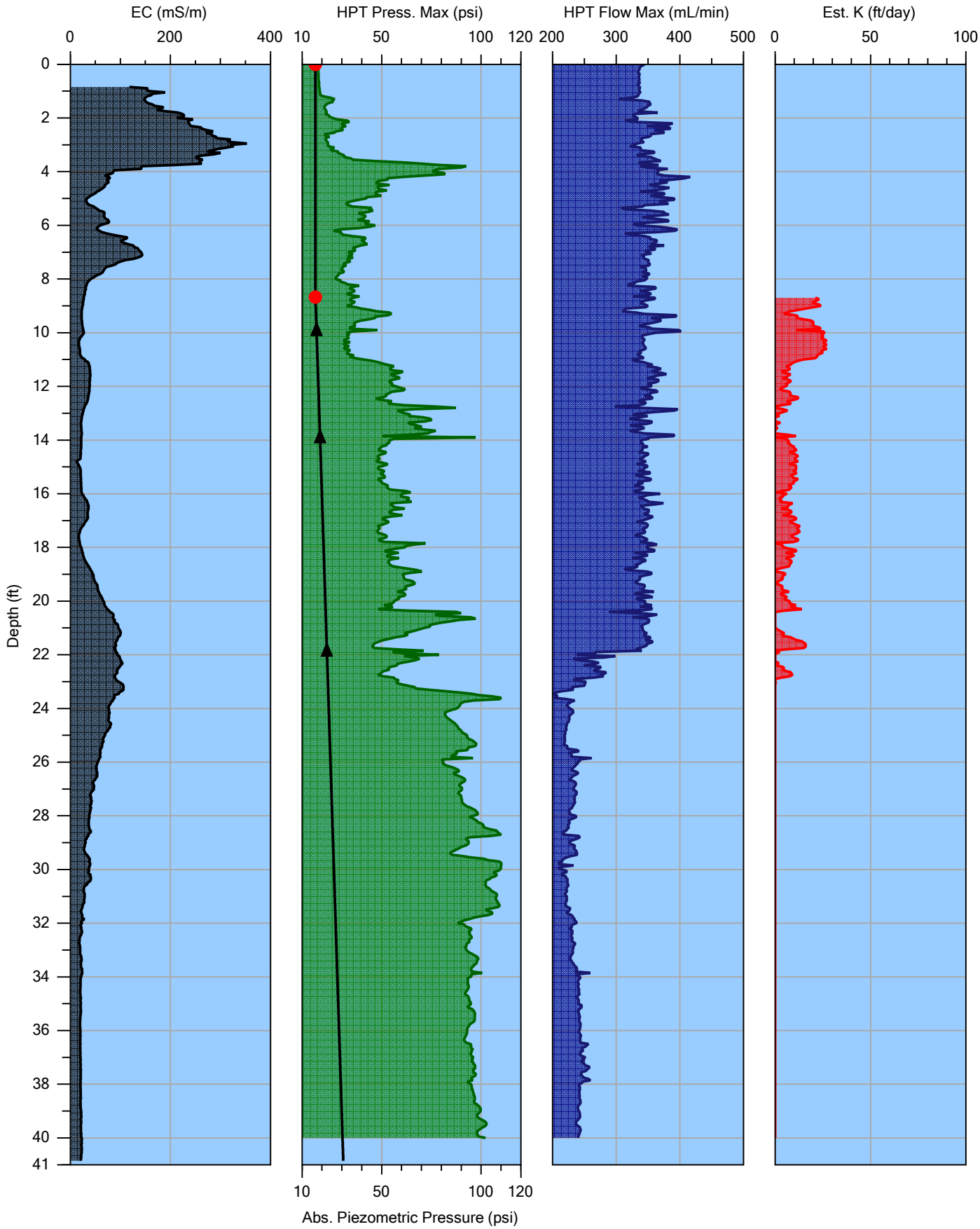

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| | | |
|---|---|---|
| | | File: HPT-165.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/28/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |

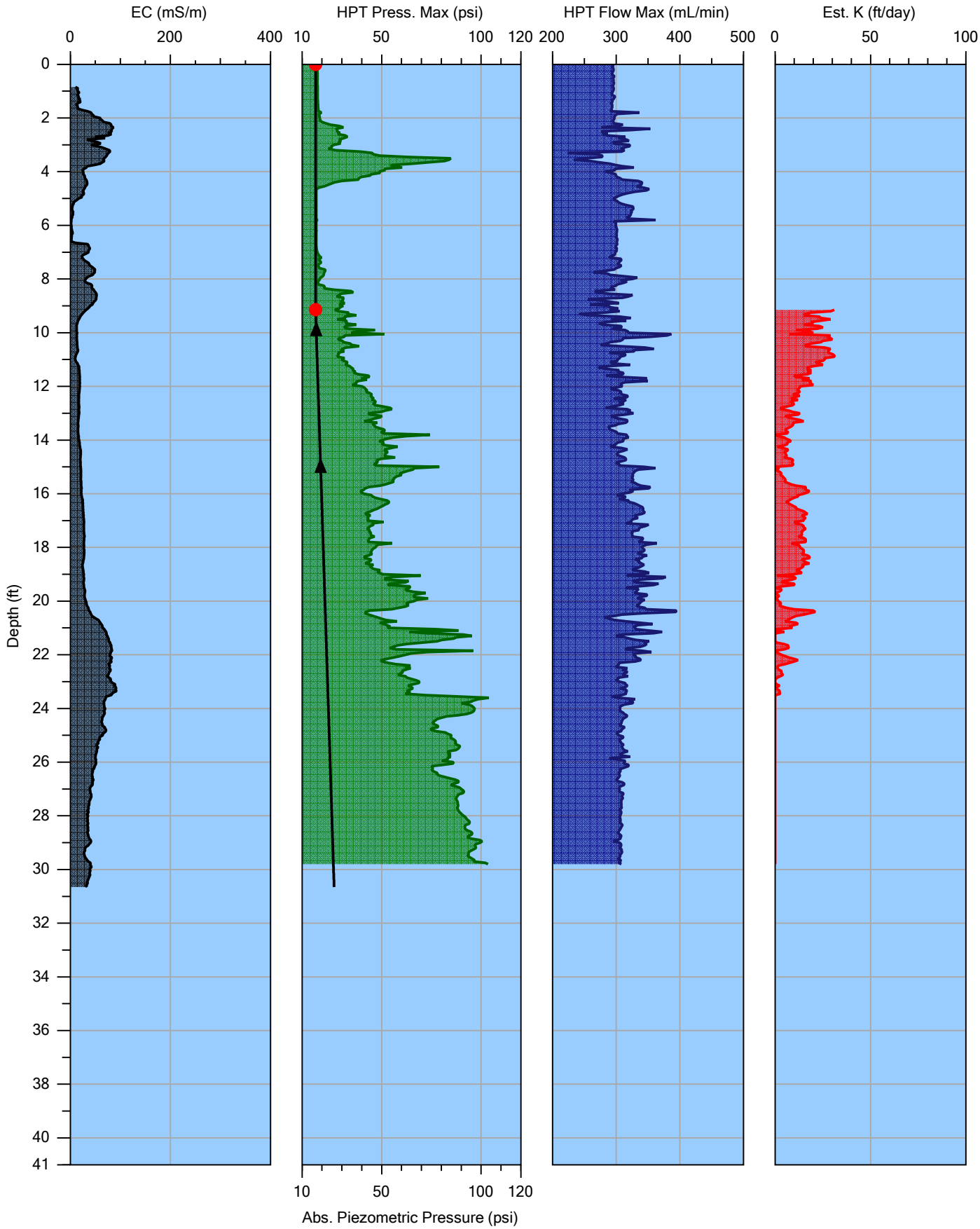



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| | | |
|---|---|---|
| | | File: HPT-166.HPT |
| Company: Dakota Technologies | Operator: A. Kirsch | Date: 7/28/2016 |
| Project ID: 176.16/Livonia Ford Transmission | Client: Arcadis | Location: |

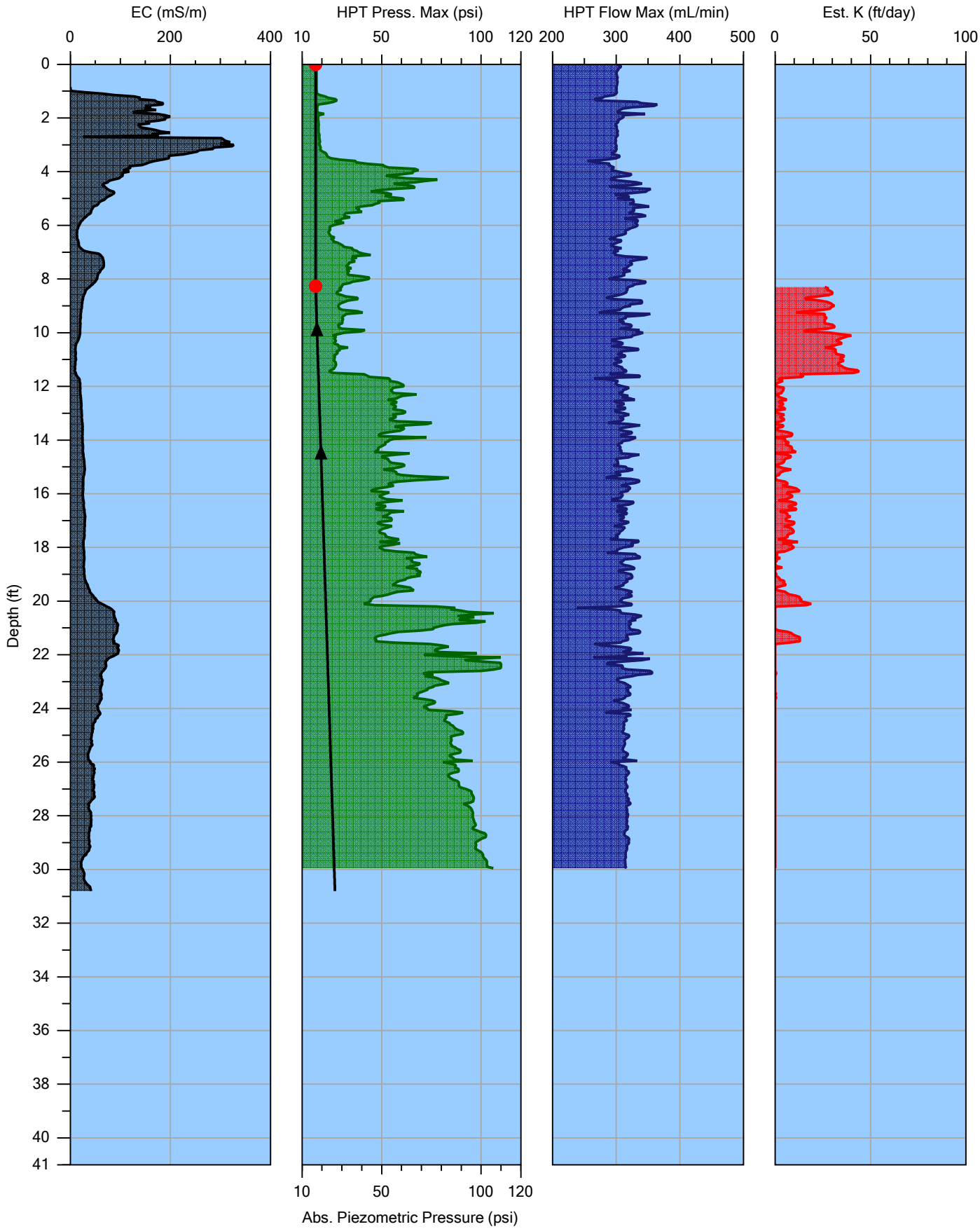



| | | | |
|---|---|---|---|
| | | | File: HPT-172.HPT |
| Company: Dakota Technologies | | Operator: Michael C. | Date: 9/26/2016 |
| Project ID: 0254.16 | | Client: Arcadis | Location: |



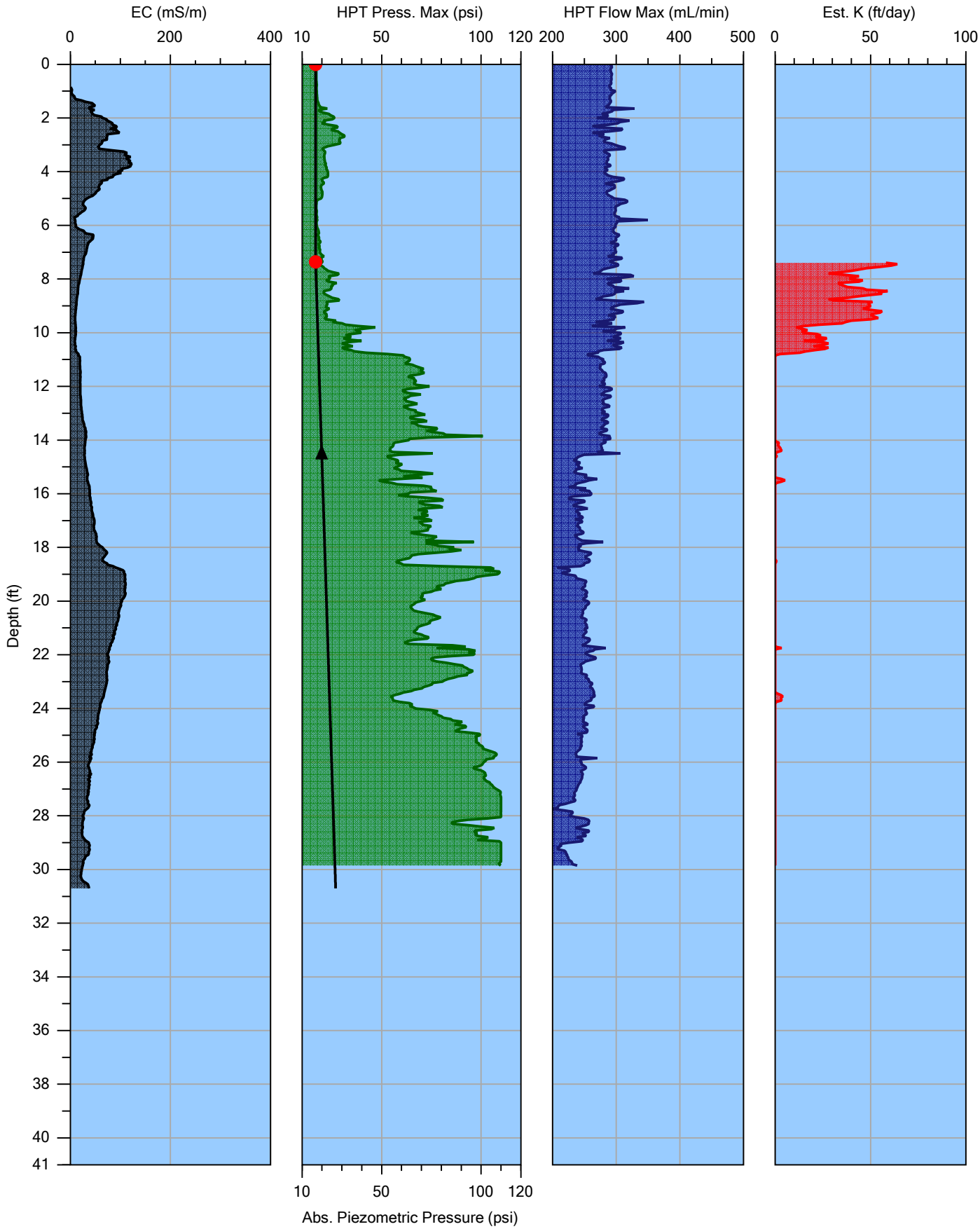

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| | | |
|---|---|---|
| | | File: HPT-173.HPT |
| Company: Dakota Technologies | Operator: Michael C. | Date: 9/26/2016 |
| Project ID: 0254.16 | Client: Arcadis | Location: |

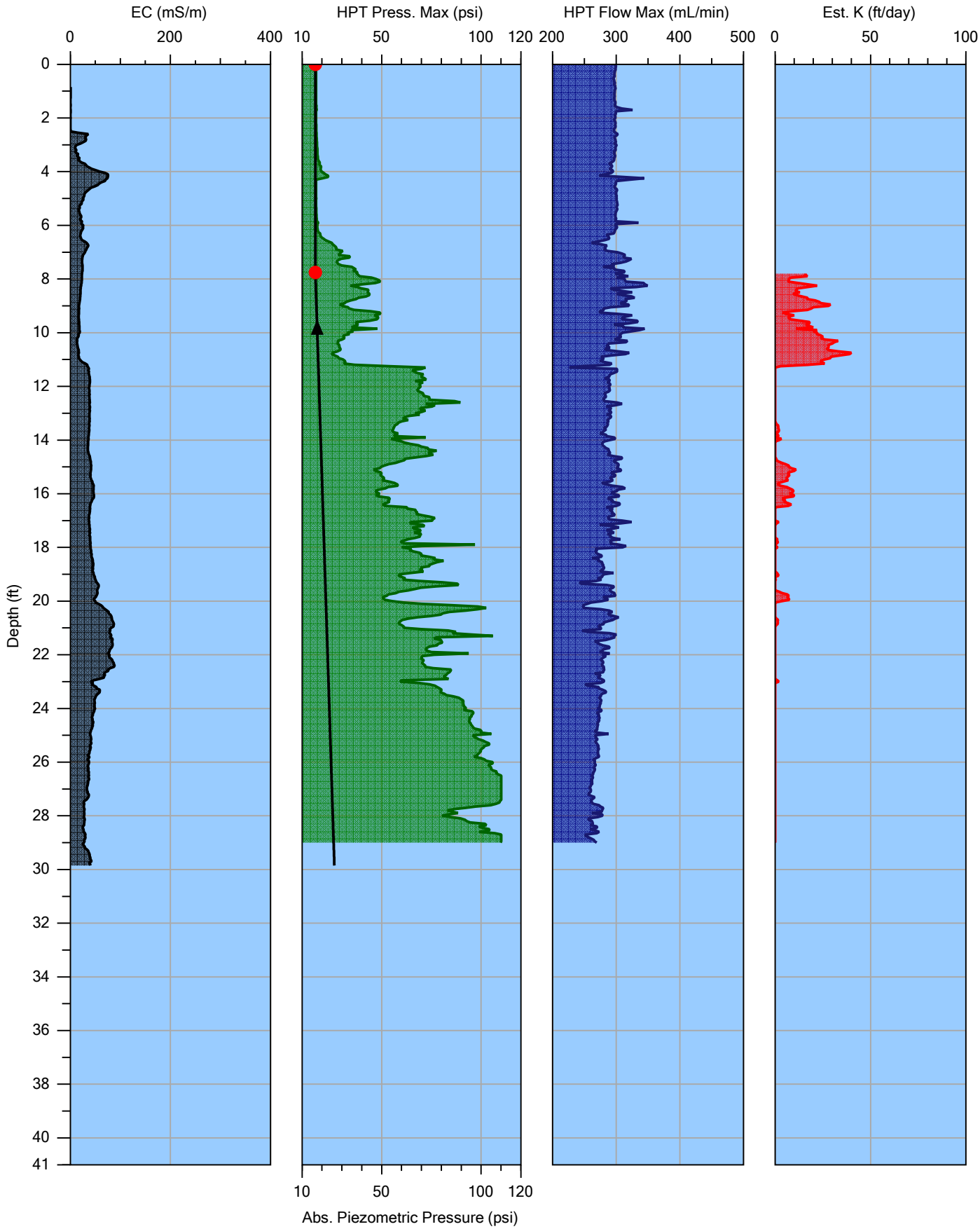



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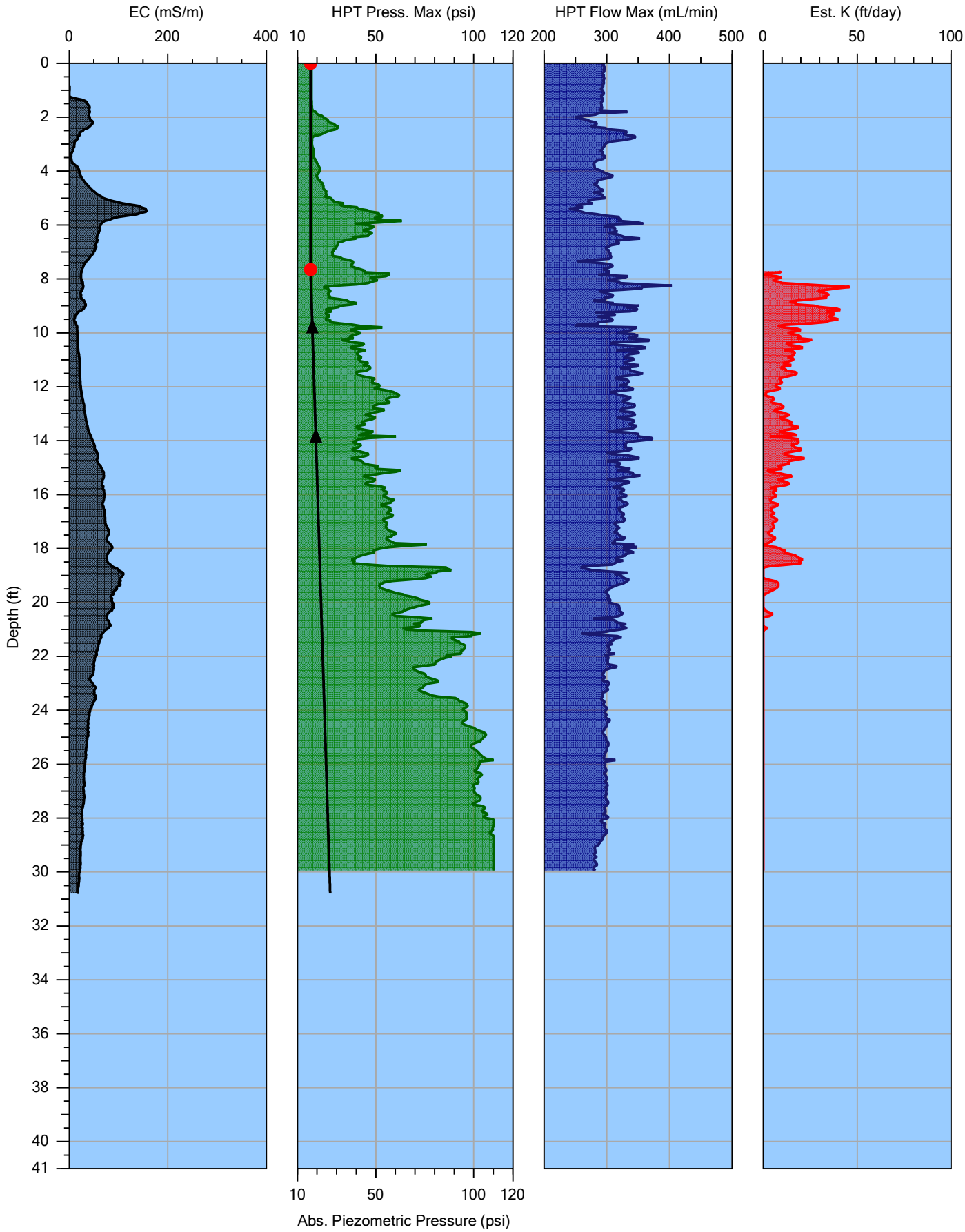
| | | |
|---|---|---|
| | | File: HPT-174.HPT |
| Company: Dakota Technologies | Operator: Michael C. | Date: 9/26/2016 |
| Project ID: 0254.16 | Client: Arcadis | Location: |




| | | | |
|---|---|---|---|
| | | | File: HPT-175.HPT |
| Company: Dakota Technologies | | Operator: Michael C. | Date: 9/26/2016 |
| Project ID: 0254.16 | | Client: Arcadis | Location: |

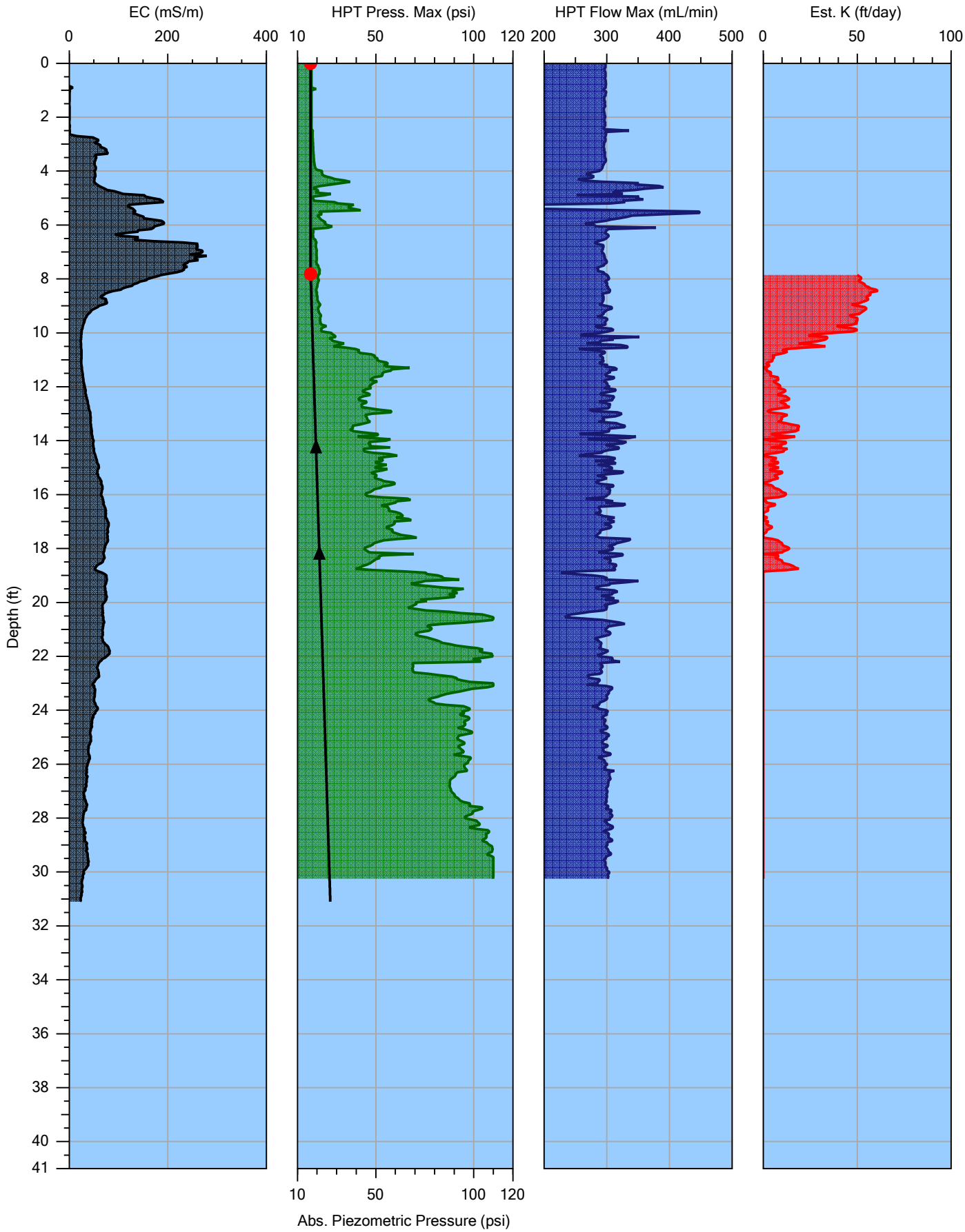



| | | | |
|---|---|---|---|
| | | | File: HPT-176B_C.HPT |
| Company: Dakota Technologies | | Operator: Michael C. | Date: 9/27/2016 |
| Project ID: 0254.16 | | Client: Arcadis | Location: |



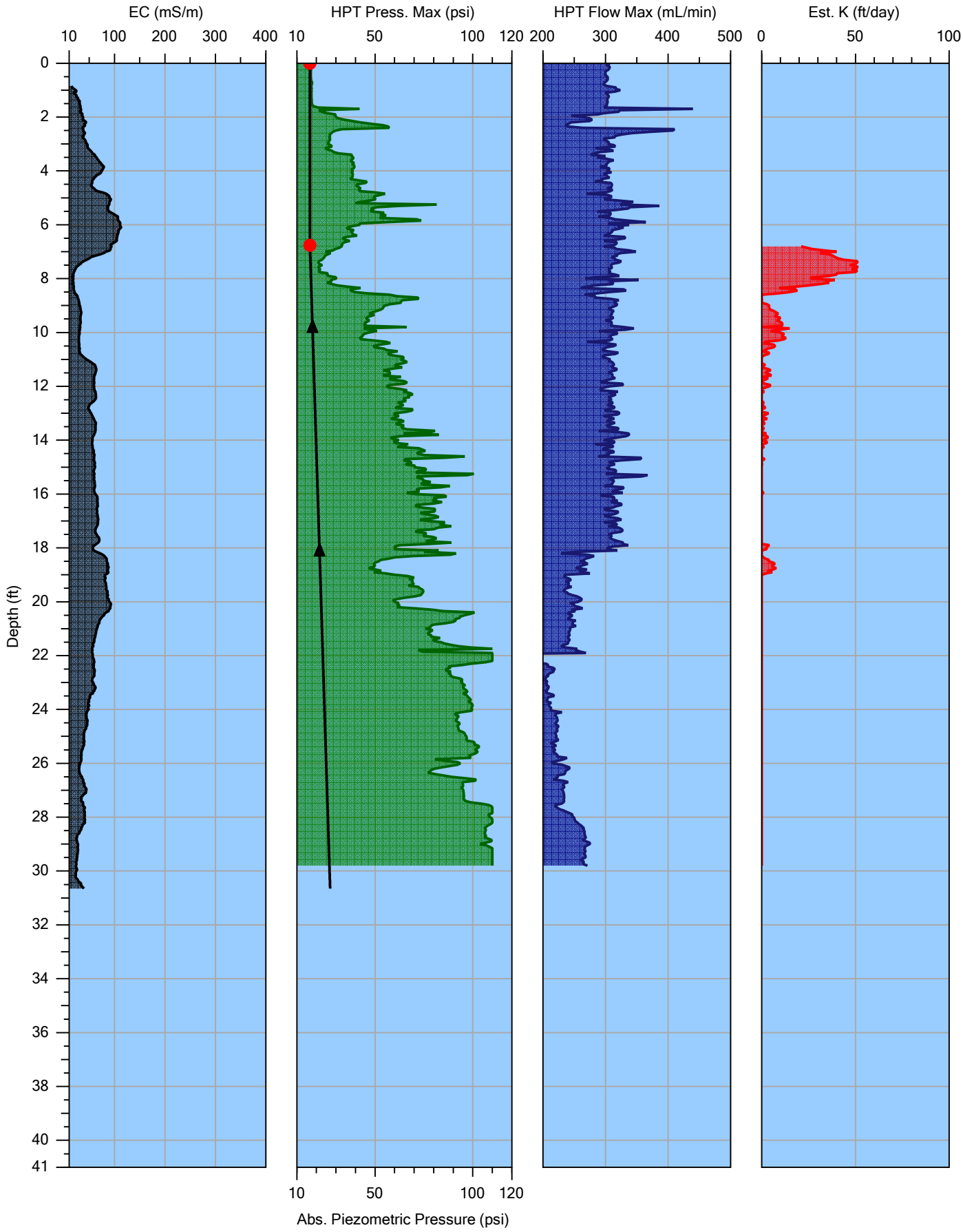

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| | | | |
|---|---|---|---|
| | | | File: HPT-177.HPT |
| Company: Dakota Technologies | | Operator: Michael C. | Date: 9/27/2016 |
| Project ID: 0254.16 | | Client: Arcadis | Location: |



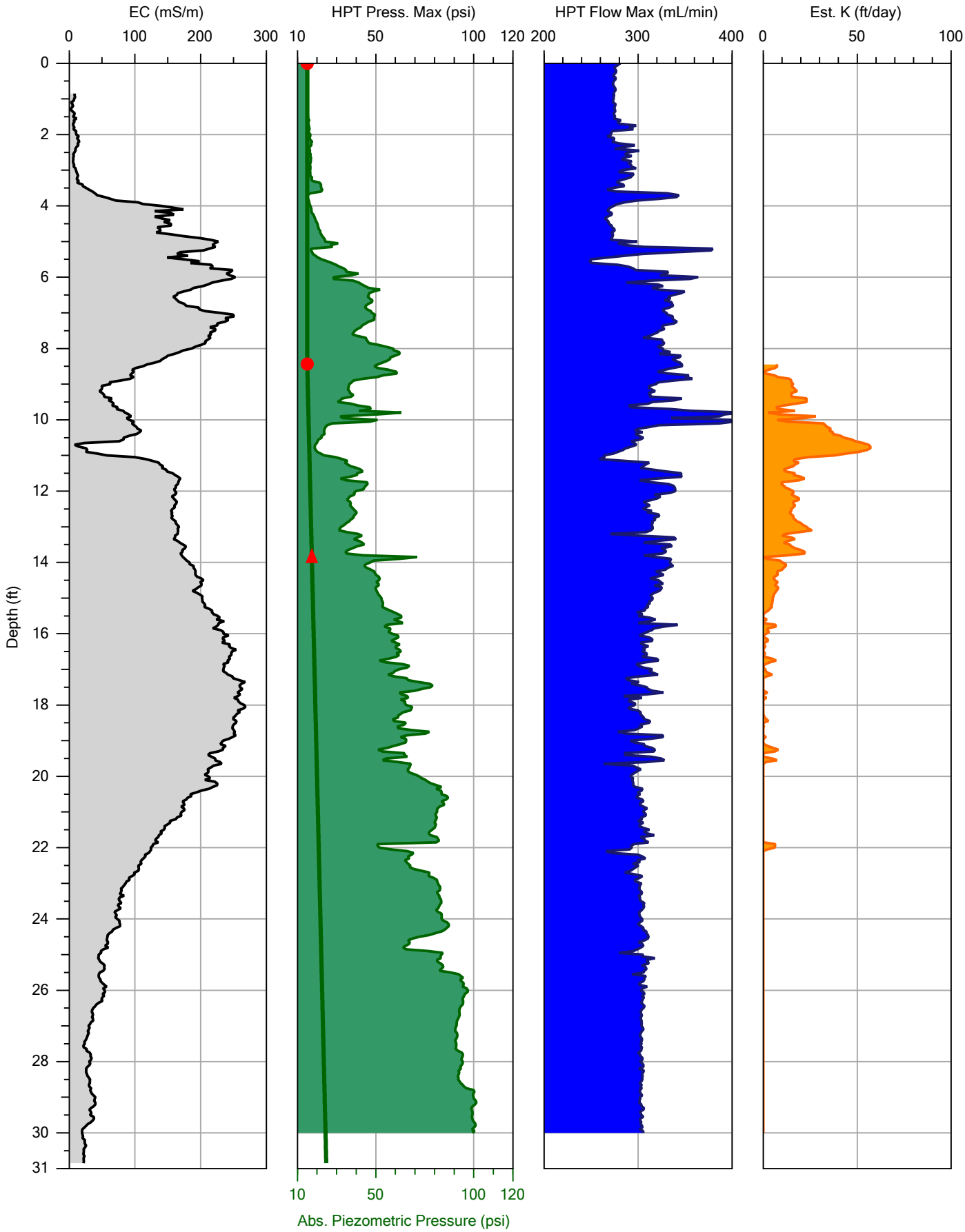

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| | | | |
|---|---|---|---|
| | | | File: HPT-178.HPT |
| Company: Dakota Technologies | | Operator: Michael C. | Date: 9/27/2016 |
| Project ID: 0254.16 | | Client: Arcadis | Location: |



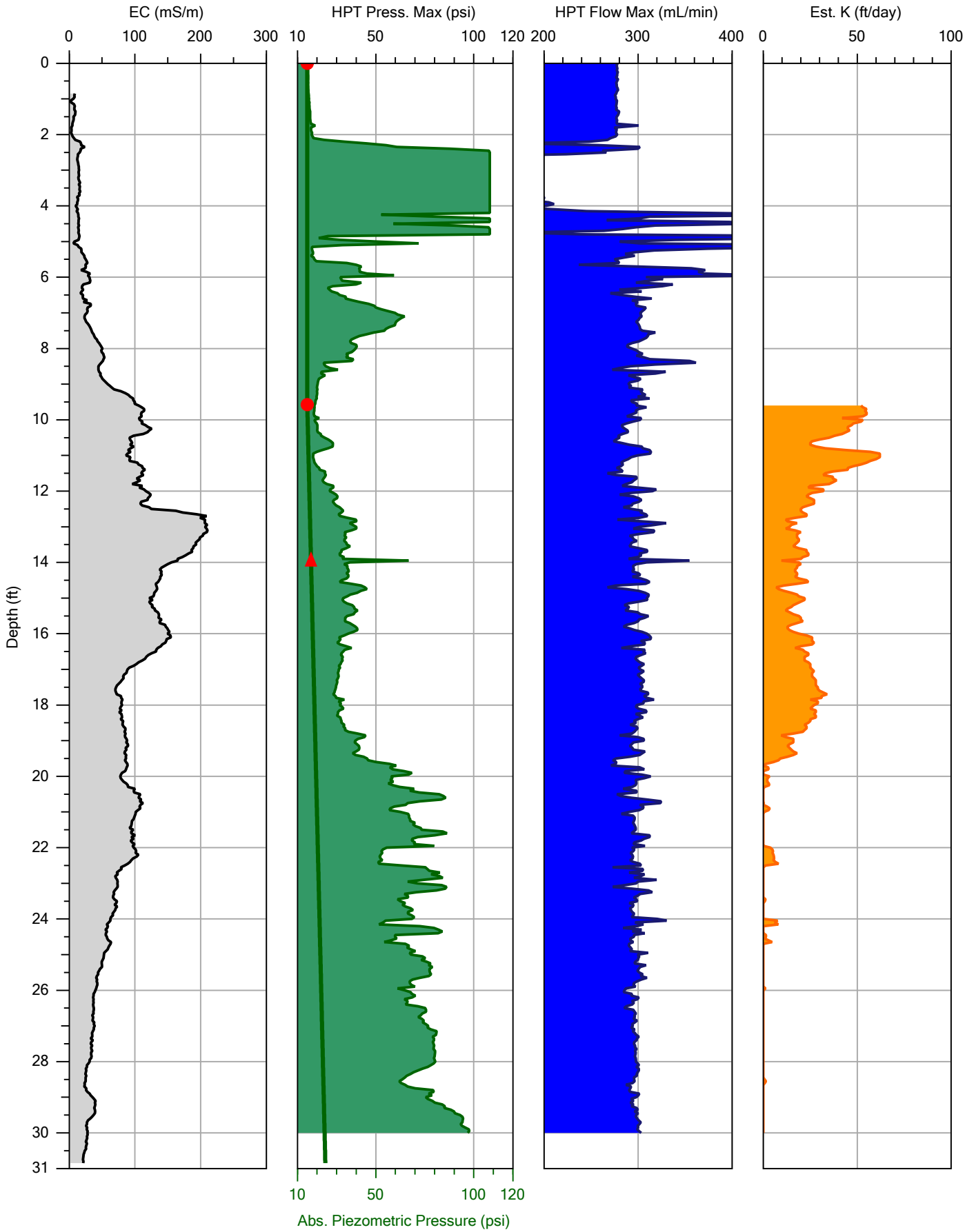

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| | | |
|---|---|---|
| | | File: HPT-179.HPT |
| Company: Dakota Technologies | Operator: Michael C. | Date: 9/27/2016 |
| Project ID: 0254.16 | Client: Arcadis | Location: |



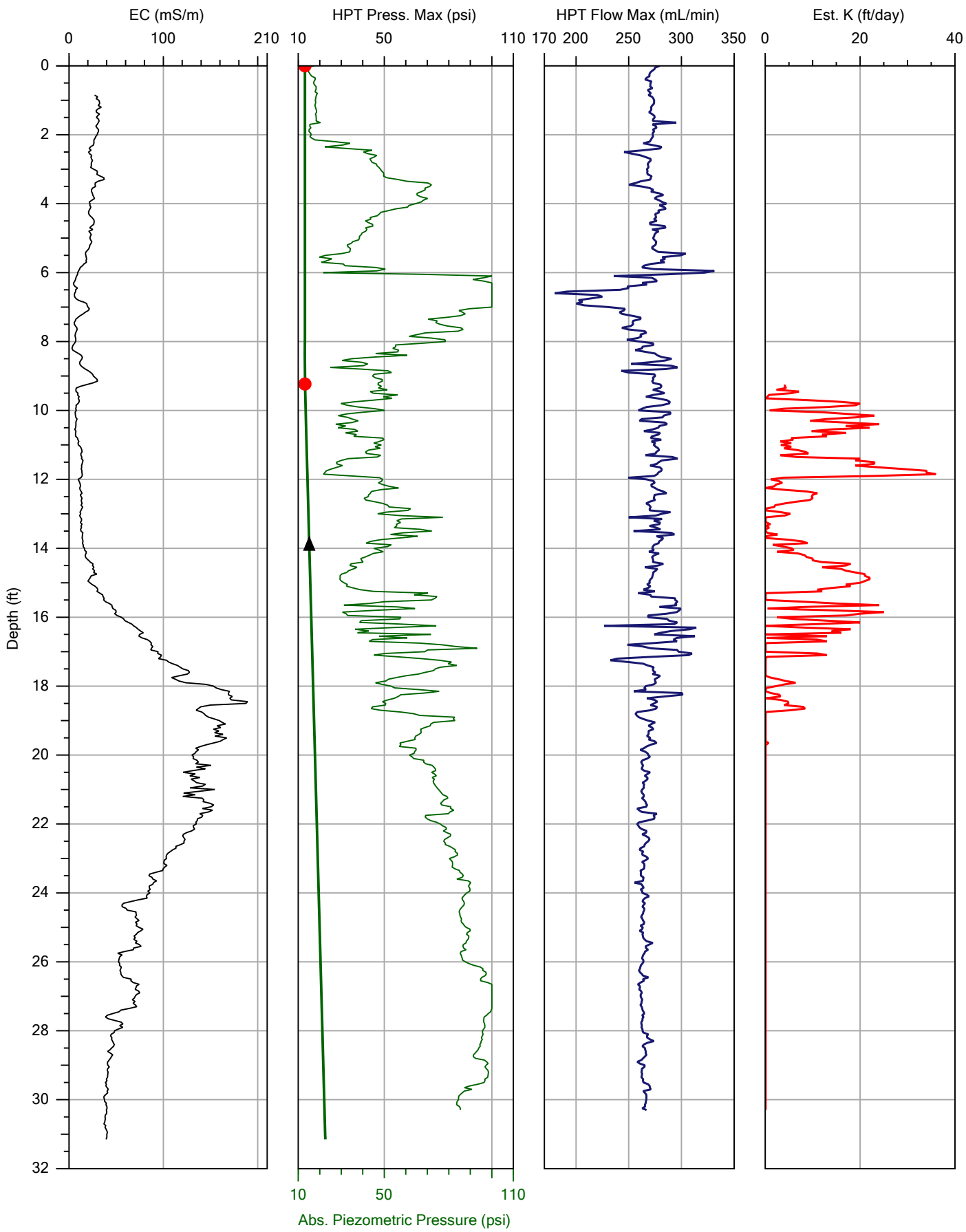

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| | | |
|---|---|---|
| | | File: HPT-192.HPT |
| Company: Dakota Technologies | Operator: AK/EM | Date: 10/31/2018 |
| Project ID: Ford Livonia Transmission Plant | Client: Arcadis | Location: Livonia, MI |




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|---|---|---|
| | | File: HPT-193.HPT |
| Company: Dakota Technologies | Operator: AK/EM | Date: 10/31/2018 |
| Project ID: Ford Livonia Transmission Plant | Client: Arcadis | Location: Livonia, MI |




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| | | | |
|---|---|---|---|
| | | | File: PW-16-01.HPT |
| Company: Dakota Technologies | | Operator: DT/AS | Date: 5/17/2016 |
| Project ID: Ford Livonia Transmission/0106.16 | | Client: ARCADIS | Location: |

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Boring No.: SVMP-01-3.5/7

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 06/06/2017
Logger: A. Reibel
Project Number: MI001454
Date Completed: 06/06/2017
Editor: T. Stevens
Project Location: Livonia, MI
Weather Conditions: 60° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.2 | | (0.0-0.3') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.2 | | (0.3-8.5') SAND; fine to medium, subrounded to subangular; trace granules to small pebbles, subrounded; well sorted; moist; dark yellowish brown (10YR 4/6). | (1.0-3.25') Bentonite | |
| 3 | | | | | 0.0 | | | (3.25-3.5') Sand and Screen | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | 120 | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | (4.0-6.75') Bentonite | |
| 7 | | | | | 0.1 | | Note: Color change to pale brown (10YR 6/3). | (6.75-7.0') Sand and Screen | |
| 8 | | | | | 0.2 | | Note: Boring appeared wet at 8.0' bgs. | | |
| 9 | | | | | 0.0 | | (8.5-10.0') SAND; very fine to fine; some silt; well sorted; moist to wet; pale brown (10YR 6/3). | | |
| 10 | | | | | 0.1 | | | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
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| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 10.0' bgs for lithology. SVMP installed at 3.5' and 7.0' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-02-4.5/8.5

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/06/2017
Date Completed: 06/06/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Filter Pack Sand | |
| | | | | | | | (0.3-11.0') SAND; very fine to fine; little medium sand, subrounded to subangular; trace granules; well sorted; moist; dark yellowish brown (10YR 4/6). | | |
| 2 | | | | | 0.0 | | | | |
| | | | | | | | Note: Increase to some medium sand at 2.0' bgs. | | |
| 3 | | | | | 0.0 | | | (1.0-3.25') Bentonite | |
| 4 | | | | | 0.1 | | | (4.25-4.5') Sand and Screen | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | 132 | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | (4.0-8.25') Bentonite | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | (8.25-8.5') Sand and Screen | |
| 10 | | | | | 0.0 | | | | |
| | | | | | | | Note: Boring appeared wet at 10.0' bgs. | | |
| 11 | | | | | 0.0 | | | | |
| | | | | | | | End of boring at 11.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
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| 19 | | | | | | | | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 11.0' bgs for lithology. SVMP installed at 4.5' and 8.5' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 10.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-03-3.5/7

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 06/06/2017
Logger: A. Reibel

Project Number: MI001454
Date Completed: 06/06/2017
Editor: T. Stevens

Project Location: Livonia, MI
Weather Conditions: 60° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0')Sand | |
| 2 | | | | | 0.0 | | (1.0-10.0') SAND; very fine to fine; little medium sand, subrounded; trace granules; moist to wet; well sorted; brown (10YR 4/3). | (1.0-3.25') Bentonite | |
| 3 | | | | | 0.1 | | Note: Color change to yellow brown (10YR 5/6) and trace small pebbles, subrounded at 2.0' bgs. | (3.25-4.0') Sand and Screen | |
| 4 | | | | | 0.1 | | | | |
| 5 | | | 120 | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | (4.0-6.75') Bentonite | |
| 7 | | | | | 0.1 | | | (6.75-7.0') Sand and Screen | |
| 8 | | | | | 0.0 | | Note: Medium sand at 8.0' bgs. | | |
| 9 | | | | | 0.2 | | Note: Silt and clay seam from 8.9-9.0' bgs. | | |
| 10 | | | | | 0.0 | | Note: Boring appeared wet at 9.0' bgs. | | |
| 11 | | | | | | | End of boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
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| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 10.0' bgs for lithology. SVMP installed at 3.5' and 7.0' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-04-3.5

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/06/2017
Date Completed: 06/06/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.5') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.0 | | (0.5-2.0') SAND; very fine to fine; trace small pebbles, subrounded; well sorted; moist; yellowsh brown (10YR 5/6). | | |
| 3 | | | 72 | | 0.0 | | (2.0-3.0') SAND; very fine; and SILT; moist; well sorted; brown (10YR 5/3). | (1.0-3.25') Bentonite | |
| 4 | | | | | 0.0 | | (3.0-6.0') SAND; very fine ; little silt; moist to wet; well sorted; yellowish brown (10YR 5/4). | (3.25-3.5') Sand and Screen | |
| 5 | | | | | 0.0 | | Note: Boring appeared wet at 5.0' bgs. | | |
| 6 | | | | | | | End of boring at 6.0' bgs. | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 6.0' bgs for lithology.
SVMP installed at 3.5' in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-05-4.5

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/06/2017
Date Completed: 06/06/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Partly Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| | | | | | | | (0.3-6.0') SAND; very fine to fine; trace granules; moist to wet; well sorted; yellowish brown (10YR 4/6). | | |
| 2 | | | | | 0.0 | | | | |
| 3 | | | | | 0.0 | | | (1.0-3.25') Bentonite | |
| | | | | | | | Note: Trace to little silt from 3.0-4.0' bgs. | | |
| 4 | | | 84 | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | (4.25-4.5') Sand and Screen | |
| 6 | | | | | 0.0 | | Note: Boring appeared wet at 5.0' bgs. | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
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| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 7.0' bgs for lithology.
SVMP installed at 4.5' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-06-4.5

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/06/2017
Date Completed: 06/06/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.0 | | (1.0-5.0') SAND; very fine to fine; trace coarse sand, subrounded; trace small pebbles, subrounded; moist ; well sorted; dark yellowish brown (10YR 4/6). | | |
| 3 | | | | | 0.0 | | | (1.0-4.25') Bentonite | |
| 4 | | | 84 | | 0.0 | | | | |
| 5 | | | | | 0.0 | | Note: Some medium sand, subrounded to subangular from 4.0-5.0' bgs. | (4.25-4.5') Sand and Screen | |
| 6 | | | | | 0.0 | | (5.0-6.0') SAND; very fine to fine; and SILT; well sorted; moist to wet; brown (10YR 4/3). Note: Boring appeared wet at 5.5' bgs. | | |
| 7 | | | | | 0.0. | | (6.0-7.0') SAND; fine to medium; little silt; well sorted; wet; brown (10YR 4/3). | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
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| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 7.0' bgs for lithology.
SVMP installed at 4.5' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-07-3.5

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/07/2017
Date Completed: 06/07/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.1 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.0 | | (1.0-4.0') SAND; very fine to fine; some silt; trace granules; well sorted; dry; very dark grayish brown (10YR 3/2). | | |
| 3 | | | 72 | | 0.1 | | Note: Color change to dark yellowish brown (10YR 4/6) and some silt from 2.0-3.0' bgs. | (1.0-3.25') Bentonite | |
| 4 | | | | | 0.6 | | | (3.25-3.5') Sand and Screen | |
| 5 | | | | | 0.2 | | (4.0-5.0') SILT; trace sand, fine; trace to little clay, low placticity, high dilatancy; moist to wet; dark grayish brown (10YR 5/2). Note: Boring appeared wet at 4.5' bgs. | | |
| 6 | | | | | 0.0 | | (5.0-6.0') SAND; very fine to medium, subrounded to subangular; little silt; trace coarse sand to granules; poorly sorted; wet; dark grayish brown (10YR 5/2). End of boring at 6.0' bgs. | | |
| 7 | | | | | | | | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 6.0' bgs for lithology.
SVMP installed at 3.5' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-08-3.5

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/07/2017
Date Completed: 06/07/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.0 | | (1.0-6.0') SAND; very fine to fine; trace silt; well sorted; dry to wet; dark yellowish brown (10YR 4/6). | (1.0-3.25') Bentonite | |
| 3 | | | 72 | | 0.0 | | Note: Moist and little medium sand, subrounded to subangular at 2.0' bgs. | (3.25-3.5') Sand and Screen | |
| 4 | | | | | 0.0 | | Note: Sand; very fine to medium at 3.0' bgs. | | |
| 5 | | | | | 2.6 | | | | |
| 6 | | | | | 1.6 | | Note: Boring appeared wet at 5.5' bgs. | | |
| 7 | | | | | | | End of boring at 6.0' bgs. | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
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| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 6.0' bgs for lithology.
SVMP installed at 3.5' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-09-4

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/07/2017
Date Completed: 06/07/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| | | | | | | | (0.3-7.0') SAND; very fine to fine; trace granules to medium pebbles, subrounded; dry to wet; brownish yellow (10YR 6/8). | | |
| 2 | | | | | 0.0 | | | | |
| 3 | | | | | 0.0 | | | (1.0-3.5') Bentonite | |
| 4 | | | 84 | | 0.0 | | | (3.50-3.75') Sand and Screen | |
| | | | | | | | Note: Little silt at 4.0' bgs. | | |
| 5 | | | | | 0.0 | | | | |
| | | | | | | | Note: Some silt at 5.0' bgs. | | |
| 6 | | | | | 0.0 | | | | |
| | | | | | | | Note Boring appeared wet at 6.0' bgs. | | |
| 7 | | | | | 0.0 | | | | |
| | | | | | | | End of boring at 7.0' bgs. | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 7.0' bgs for lithology.
SVMP installed at 4.0' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-10-3

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/07/2017
Date Completed: 06/07/2017
Weather Conditions: 60° F, Sunny

Logger: A. Reibel
Editor: T. Stevens

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.0 | | (0.0-1.0') SAND; fine to medium, subrounded to subangular; little granules to pebbles, small to large, subrounded to subangular; dry; poorly sorted; brown (10YR 4/3) (Topsoil). | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.0 | | (1.0-5.0') SAND; very fine to fine; little silt; moist to wet; well sorted; yellowish brown (10YR 5/6). | (1.0-2.5') Bentonite (2.75-3.0') Sand and Screen | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | Note: Boring appeared wet at 4.0' bgs. | | |
| 5 | | | | | 0.0 | | End of boring at 5.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 5.0' bgs for lithology.
SVMP installed at 3.0' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-11-3.5

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/07/2017
Date Completed: 06/07/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 65° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.0 | | (0.3-6.0') SAND; very fine to fine; trace to little silt; trace pebbles, small, subrounded to subangular; dry to wet; well sorted; dark yellowish brown (10YR 4/6). | (1.0-3.25') Bentonite | |
| 3 | | | 72 | | 0.0 | | Note: Boring appeared moist at 2.5' bgs. | (3.25-3.5') Sand and screen | |
| 4 | | | | | 0.0 | | Note: Increase in sand grain size (fine to coarse) from 3.0-4.0' bgs. | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | Note: Boring appeared wet at 5.0' bgs. | | |
| 7 | | | | | | | End of boring at 6.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 6.0' bgs for lithology.
SVMP installed at 3.5' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-12-3.5

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/07/2017
Date Completed: 06/07/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 65° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 1.1 | | (0.0-0.3') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| | | | | | | | (0.3-1.0') SAND; very fine to fine; trace granules to pebbles, small to medium, subrounded to subangular; poorly sorted; dry; dark yellowish brown (10YR 4/4). | | |
| 2 | | | | | 0.1 | | (1.0-6.0') SAND; very fine to fine; well sorted; dry to wet; dark yellowish brown (10YR 4/6). Note: Boring appeared moist at 2.0' bgs. | (1.0-3.25') Bentonite | |
| 3 | | | 72 | | 0.8 | | Note: Little silt at 3.0' bgs. | (3.25-3.5') Sand and Screen | |
| 4 | | | | | 1.5 | | | | |
| 5 | | | | | 1.5 | | Note: Boring appeared wet at 5.0' bgs. | | |
| 6 | | | | | 1.6 | | | | |
| | | | | | | | End of boring at 6.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 6.0' bgs for lithology.
SVMP installed at 3.5' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-13-2

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/07/2017
Date Completed: 06/07/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 73° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand (1.0-1.75') Bentonite (1.75-2.0') Sand and Screen | |
| 2 | | | 48 | | 0.0 | | (1.0-4.0') SAND; very fine to fine; some silt; well sorted; moist to wet; yellowish brown (10YR 5/6). | | |
| 3 | | | | | 1.1 | | Note: Color change to dark grayish brown (10YR 4/2) at 2.5' bgs. | | |
| 4 | | | | | 1.5 | | Note: Boring appeared wet at 3.0' bgs. | | |
| 5 | | | | | | | End of boring at 4.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 4.0' bgs for lithology.
SVMP installed at 2.0' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-14-2

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/07/2017
Date Completed: 06/07/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 73° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 48 | | 0.0 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand (1.0-1.75') Bentonite (1.75-2.0') Sand and Screen | |
| 2 | | | | | 0.0 | | (1.0-2.0') SILT; and SAND; very fine to fine; moist; dark yellowish brown (10YR 4/6). | | |
| 3 | | | | | 0.0 | | (2.0-4.0') SAND; very fine to coarse, subrounded to subangular; trace granules to small pebbles, subrounded to subangular; well sorted; moist to wet; grayish brown (10YR 5/2). | | |
| 4 | | | | | 2.5 | | | | |
| 5 | | | | | | | End of boring at 4.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 4.0' bgs for lithology.
SVMP installed at 2.0' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-15-2

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/07/2017
Date Completed: 06/07/2017
Weather Conditions: NA

Logger: A. Reibel
Editor: T. Stevens

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand (1.0-1.75') Bentonite (1.75-2.0') Sand and Screen | |
| 2 | | | 48 | | 0.0 | | (0.3-3.0') SAND; very fine to fine; well sorted; moist; yellowish brown (10YR 4/6). Note: Color change to grayish brown (10YR 5/2). | | |
| 3 | | | | | 1.5 | | Note: Boring appeared wet at 3.0' bgs. | | |
| 4 | | | | | 1.2 | | (3.0-4.0') SAND; medium to very coarse; subrounded to subangular; some pebbles, small to very large; wet; poorly sorted; dark gray (10YR 4/1). End of boring at 4.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 4.0' bgs for lithology.
SVMP installed at 2.0' bgs in separate boring.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-16-01

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 03/28/2016
Date Completed: 03/28/2016

Logger: A. Richmond
Editor: S. Presswood
Weather Conditions: 44° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 66 | | NA | | (0.0-0.5') TOPSOIL. | Protective Casing | |
| 2 | | | | | 0.0 | | (0.5-5.5') SAND, medium; well sorted; dry; dark yellowish brown (10YR 4/6). | Betonite Seal (0.0-2.5' bgs). | |
| 3 | | | | | 0.0 | | | Sand Filter Pack (2.5-5.5' bgs). | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | Note: Boring appeared wet at 4.5' bgs. | SVMP Screen (4.5-5.0' bgs). | |
| 6 | | | | | 0.0 | | End of Boring at 5.5' bgs. | | |
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Drilling Co.: Arcadis
Driller: Adam Richmond
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.5' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.5
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-16-02

Sheet: 1 of 1

Project Name: Ford Livonia Transmission Plant
Project Number: 30167538
Project Location: Livonia, MI

Date Started: 03/28/2016
Date Completed: 03/28/2016

Logger: A. Richmond
Editor: S. Presswood
Weather Conditions: 45° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 72 | | 0.0 | | (0.0-0.5') ASPHALT. | Protective Casing Sand Backfill (0.0-1.0' bgs). | |
| 2 | | | | | 0.0 | | (0.5-6.0') SAND, medium; well sorted; dry; dark yellowish brown (10YR 4/6). | Betonite Seal (1.0-4.0' bgs). | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | SVMP Screen (5.0-5.5' bgs). Sand Filter Pack (4.0-6.0' bgs). | |
| 6 | | | | | 0.0 | | Note: Boring appeared wet at 6.0' bgs. End of Boring at 6.0' bgs. | | |
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Drilling Co.: Arcadis
Driller: Adam Richmond
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-16-2

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/07/2017
Date Completed: 06/07/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 75° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 48 | | 0.0 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand (1.0-1.75') Bentonite (1.75-2.0') Sand and Screen | |
| 2 | | | | | 0.0 | | (1.0-2.0') SAND; very fine to fine; some silt; dry to moist; well sorted; yellowish brown (10YR 5/6). | | |
| 3 | | | | | 0.0 | | (2.0-3.0') SAND; very fine to medium, subrounded to subangular; moist; well sorted; dark grayish brown (10YR 4/2). Note: Boring appeared wet at 3.0' bgs. | | |
| 4 | | | | | 2.3 | | (3.0-4.0') SAND; medium to coarse, subrounded to subangular; some pebbles, small to large; wet; poorly sorted; dark gray (10YR 4/1). End of boring at 4.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 4.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-17-2

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/08/2017
Date Completed: 06/08/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 75° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 48 | | 0.4 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.5-1.0') Filter Pack Sand (1.0-1.75') Bentonite (1.75-2.0') Sand and Screen | |
| 2 | | | | | 0.6 | | (1.0-2.0') SAND; very fine to fine; little silt; trace clay; dry to moist; poorly sorted; brown (10YR 4/3). | | |
| 3 | | | | | 0.7 | | (2.0-4.0') SAND; very fine to medium, subrounded to subangular; trace granules to small pebbles, subrounded to subangular; moist to wet; well sorted; light brownish gray (10YR 6/2). | | |
| 4 | | | | | 0.9 | | Note: Boring appeared wet at 3.5' bgs. Little to some granules to pebbles, small to medium, subrounded to subangular from 3.5' to 4.5' bgs. End of boring at 4.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 4.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-18-3

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/08/2017
Date Completed: 06/08/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.6 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.2 | | (1.0-2.0') SAND; very fine to fine; some to little silt; trace clay; trace small pebbles, subrounded to subangular; poorly sorted; moist; brown (10YR 4/3). | (1.0-2.5') Bentonite | |
| 3 | | | 72 | | 0.4 | | (2.0-3.0') SAND; very fine to fine; trace large pebbles, subangular; moist; dark yellowish brown (10YR 3/6). | (2.75-3.0') Sand and Screen | |
| 4 | | | | | 0.5 | | (3.0-4.0') SAND; very fine to medium, subrounded to subangular; trace pebbles, large; well sorted; moist; brown (10YR 4/3). | | |
| 5 | | | | | 1.3 | | (4.0-4.5') CLAY; high plasticity; slow dilatancy; moist; dark grayish brown (10YR 4/2). | | |
| 6 | | | | | 1.8 | | (4.5-6.0') SAND; fine to coarse, subrounded to subangular; some granules to large pebbles; poorly sorted; wet; gray (10YR 5/1). | | |
| 7 | | | | | | | End of boring at 6.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-19-3

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/08/2017
Date Completed: 06/08/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 1.1 | | (0.0-0.3') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.5 | | (0.3-2.0') SAND, very fine to fine; and MEDIUM to LARGE PEBBLES, subangular; little silt; trace clay; dry to moist; poorly sorted; dark yellowish brown (10YR 3/4). | (1.0-2.5') Bentonite | |
| 3 | | | 60 | | 0.7 | | (2.0-3.0') SAND; very fine to fine; trace to little medium sand, subrounded to subangular; moist; well sorted; brown (10YR 4/3). | (2.75-3.0') Sand and Screen | |
| 4 | | | | | 1.1 | | (3.0-5.0') SAND; very fine to very coarse, subrounded to subangular; some granules to pebbles, small to medium, subrounded to subangular; moist to wet; brown (10YR 4/3). | | |
| 5 | | | | | 1.3 | | Note: Boring appeared wet at 4.5' bgs. | | |
| | | | | | | | End of boring at 5.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-20-3

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/08/2017
Date Completed: 06/08/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.3 | | (0.0-2.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.1 | | | (1.0-2.5') Bentonite | |
| 3 | | | 60 | | 1.0 | | (2.0-4.0') SAND; very fine to fine; well sorted; moist; grayish brown (10YR 5/2). | (2.75-3.0') Sand and Screen | |
| 4 | | | | | 0.1 | | | | |
| 5 | | | | | 0.1 | | (4.0-5.0') SAND; very fine to very coarse, subrounded to subangular; some granules to pebbles, small to medium; little to trace silt; moist to wet; brown (10YR 4/3). Note: Boring appeared wet at 4.5' bgs. End of boring at 5.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-21-2

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/08/2017
Date Completed: 06/08/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.5 | | (0.0-1.5') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand (1.0-1.75') Bentonite (1.75-2.0') Sand and Screen | |
| 2 | | | 48 | | 0.0 | | (1.5-3.0') SAND; very fine to fine; little silt; well sorted; dry to moist; dark yellowish brown (10YR 4/4). | | |
| 3 | | | | | 0.1 | | | | |
| 4 | | | | | 1.2 | | (3.0-4.0') SAND; very fine to very coarse, subrounded to subangular; some granules to pebbles, small to medium; little to trace silt; moist to wet; poorly sorted; brown (10YR 4/3).<br>Note: Boring appeared wet at 3.5 bgs.<br>End of boring at 4.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 4.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 3.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-22-3

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/08/2017
Date Completed: 06/08/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 78° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 60 | | 0.8 | | (0.0-0.3') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.4 | | (0.3-5.0') SAND; very fine to fine; some silt; trace granules; poorly sorted; dry to moist; brown (10YR 4/3). | (1.0-2.5') Bentonite | |
| 3 | | | | | 0.8 | | | (2.75-3.0') Sand and Screen | |
| 4 | | | | | 1.0 | | Note: Little to some medium sand and trace clay at 3.0' bgs. | | |
| 5 | | | | | 1.2 | | Note: Boring appeared wet at 4.5' bgs. | | |
| 6 | | | | | | | End of boring at 5.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 5.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-23-3

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/08/2017
Date Completed: 06/08/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 78° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 5.8 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.0 | | (1.0-2.0') SAND; very fine to fine; some silt; trace pebbles, small to medium, subrounded to subangular; dry to moist; poorly sorted; dark yellowish brown (10YR 4/6). | (1.0-2.5') Bentonite | |
| 3 | | | 72 | | 1.0 | | (2.0-6.0') SAND; very fine to medium, subrounded to subangular; little to some granules to pebbles, small to medium; moist to wet; brown (10YR 4/3). | (2.75-3.0') Sand and Screen | |
| 4 | | | | | 1.0 | | | | |
| 5 | | | | | 0.0 | | Note: Little to some coarse sand; subrounded to subangular from 4.0-6.0' bgs.<br>Note: Boring appeared wet at 4.5' bgs. | | |
| 6 | | | | | 0.2 | | | | |
| 7 | | | | | | | End of boring at 6.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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Boring No.: SVMP24-4

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Date Started: 06/08/2017
Logger: A. Reibel
Project Number: MI001454
Date Completed: 06/08/2017
Editor: T. Stevens
Project Location: Livonia, MI
Weather Conditions: 78° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.6 | | (0.0-2.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.1 | | | | |
| 3 | | | 84 | | 0.8 | | (2.0-6.5') SAND; very fine to medium, subrounded to subangular; trace coarse to very coarse sand, subrounded; little silt; moist to wet; poorly sorted; dark yellowish brown (10YR 3/4). | (1.0-3.5') Bentonite | |
| 4 | | | | | 0.2 | | | | |
| 5 | | | | | 0.1 | | | (3.50-3.75') Sand and Screen | |
| 6 | | | | | 1.1 | | Note: Trace clay from 5.0' to 6.0' bgs.<br>Note: Boring appeared wet at 5.5' bgs. | | |
| 7 | | | | | 1.7 | | (6.5-7.0') PEBBLES; small to large; subrounded to subangular; wet.<br>End of boring at 7.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 7.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-25-3/6

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/09/2017
Date Completed: 06/09/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Overcast

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.5 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0')Sand | |
| 2 | | | | | 0.1 | | (1.0-9.0') SAND; very fine to fine; little silt; trace clay; well sorted; moist to wet; dark yellowish brown (10YR 4/6). | (1.0-2.75') Bentonite | |
| 3 | | | | | 0.0 | | Note: Some silt at 2.0' bgs. | (2.75-3.0') Sand and Screen | |
| 4 | | | | | 0.2 | | Note: Trace large pebbles; subrounded from 3.0' to 4.0'bgs. | | |
| 5 | | | 108 | | 0.4 | | Note: Trace to no silt starting at 4.0' bgs. | (3.5-5.75') Bentonite | |
| 6 | | | | | 0.6 | | | (5.75-6.0') Sand and Screen | |
| 7 | | | | | 0.2 | | | | |
| 8 | | | | | 0.3 | | | | |
| 9 | | | | | 1.7 | | Note: Wet at 8.5' bgs. | | |
| 10 | | | | | | | End of boring at 9.0' bgs. | | |
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Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 9.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-26-4

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/09/2017
Date Completed: 06/09/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Rainy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 1.5 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.4 | | (1.0-7.0') SAND; very fine to fine; some silt; trace pebbles, small to large; subrounded; dry to moist; well sorted; dark grayish brown (10YR 4/2). | | |
| 3 | | | | | 1.7 | | Note: Color change to very dark gray (10YR 3/1) from 2.0-3.0' bgs. | (1.0-3.5') Bentonite | |
| 4 | | | 84 | | 0.6 | | | (3.75-4.0') Sand and Screen | |
| 5 | | | | | 1.0 | | | | |
| 6 | | | | | 2.3 | | Note: Wet at 5.5' bgs. | | |
| 7 | | | | | 0.6 | | | | |
| 8 | | | | | | | End of boring at 7.0' bgs. | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 7.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-27-4.5

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/09/2017
Date Completed: 06/09/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 1.9 | | (0.0-0.3') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Filter Pack Sand | |
| 2 | | | | | 2.3 | | (0.3-6.5') SAND; very fine to fine; trace silt; well sorted; moist to wet; yellowish brown (10YR 5/6). | | |
| 3 | | | | | 2.1 | | | (1.0-3.25') Bentonite | |
| 4 | | | 84 | | 2.0 | | | | |
| 5 | | | | | 2.0 | | | (4.25-4.5') Sand and Screen | |
| 6 | | | | | 1.1 | | | | |
| 7 | | | | | 2.0 | | Note: Wet at 6.5' bgs. (6.5-7.0') SAND; fine to medium, subangular to subrounded; trace silt; wet; well sorted; grayish brown (10YR 5/3). End of boring at 7.0' bgs. | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 7.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-28-3

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/09/2017
Date Completed: 06/09/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 60° F, Overcast

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.3 | | (0.0-0.3') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| | | | | | | | (0.3-6.0') SAND; very fine to fine; trace to little silt; well sorted; dry to moist; very dark brown (10YR 3/2). Note: Color change to dark yellowish brown (10YR 4/4) at 1.0' bgs. | | |
| 2 | | | | | 1.0 | | | (1.0-2.5') Bentonite | |
| | | | | | 1.2 | | | (2.75-3.0') Sand and Screen | |
| 3 | | | 72 | | | | | | |
| | | | | | 0.8 | | Note: Color change to brownish yellow (10YR 6/6). | | |
| 4 | | | | | | | | | |
| | | | | | 0.0 | | Note: Little medium sand, subangular to subrounded from 4.0-5.0'bgs. | | |
| 5 | | | | | | | | | |
| | | | | | 0.5 | | Note: Wet at 5.5' bgs. | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | End of boring at 6.0' bgs. | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs.

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 5.5' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-29-3.5/7.5

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/12/2017
Date Completed: 06/12/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 85° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.7 | | (0.0-2.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.0 | | | | |
| 3 | | | 72 | | 0.0 | | (2.0-11.0') SAND; very fine to fine; trace granules; well sorted; dry to moist; brownish yellow (10YR 6/6). | (1.0-3.25') Bentonite | |
| 4 | | | | | 0.4 | | | (3.25-3.5') Sand and Screen | |
| 5 | | | | | 0.4 | | | | |
| 6 | | | | | 0.0 | | | (4.0-6.75') Bentonite | |
| 7 | | | | | 0.0 | | | (6.75-7.0') Sand and Screen | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | 52 | | 0.0 | | Note: Little to some medium sand, subangular to subrounded at 8.0' bgs. | | |
| 10 | | | | | 0.0 | | Note: Wet at 9.0' bgs. | | |
| 11 | | | | VAP-29(9-12) | 0.0 | | | | |
| 12 | | | | | 0.0 | | (11.0-11.8') SILT; and SAND; wet; brown (10YR 5/3). | | |
| 13 | | | | | 0.0 | | (11.8-13.2') SAND; fine to very coarse, subangular to subrounded; some granules to pebbles, subangular to subrounded, small to large; trace to little silt; poorly sorted; wet; brown (10YR 5/3). | | |
| 14 | | | 49 | | 0.0 | | (13.2-17.0') SAND; fine to medium, subangular to subrounded; little granules; well sorted; wet; dark gray (10YR 4/1). | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | VAP-29(14-17) | 0.0 | | | | |
| 17 | | | 12 | | 0.0 | | | | |
| 18 | | | | | | | End of boring at 17.0' bgs. | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-30-4

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/12/2017
Date Completed: 06/12/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 89° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3) TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| | | | | | | | (0.3-7.0') SAND; very fine to fine; trace granules to pebbles, small to medium, subangular to subrounded; well sorted; dry to moist; brown (10YR 5/3). | | |
| 2 | | | | | 0.0 | | | | |
| 3 | | | 72 | | 0.0 | | | (1.0-3.5') Bentonite | |
| | | | | | 0.2 | | Note: Little silt starting at 3.0' bgs. | (3.5-4.0') Sand and Screen | |
| 4 | | | | | | | | | |
| 5 | | | | | 0.1 | | | | |
| 6 | | | | | 0.0 | | Note: Very large pebbles 5.0'-6.0' bgs. | | |
| 7 | | | | | 0.0 | | Note: Wet at 6.0' bgs.<br>Note: Sand; very fine to medium, subangular to surbounded at 6.0' bgs. | | |
| | | | | VAP-30(6-9) | | | (7.0-8.8') SAND; very fine; some silt; wet; brown (10YR 5/3). | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | 57 | | 0.0 | | | | |
| | | | | | | | (8.8-10.0') SAND; fine to medium, subangular to subrounded; trace to little coarse sand; well sorted; wet; brown (10YR 5/3). | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | (10.0-11.0') SAND; medium to very coarse, subangular to subrounded; some granules to pebbles, small to large, angular to subrounded; little to trace silt; poorly sorted; wet; brown (10YR 5/3). | | |
| 12 | | | | | 0.0 | | (11.0-14.0') SAND; fine to medium, subangular to subrounded; trace to little coarse sand, subangular to subrounded; well sorted; wet; brown (10YR 5/3). | | |
| | | | 24 | VAP-30(11-14) | | | | | |
| 13 | | | | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| | | | | | | | End of boring at 14.0' bgs. | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-31-5.5

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/12/2017
Date Completed: 06/12/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 93° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.2 | | (0.0-0.5') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| | | | | | | | (0.5-7.0') SAND; very fine to fine; trace silt; well sorted; dry to wet; brownish yellow(10YR 6/8). | | |
| 2 | | | | | 0.0 | | | | |
| 3 | | | 72 | | 0.0 | | | (1.0-5.0') Bentonite | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | (5.0-5.5') Sand and Screen | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | Note: Wet at 7.0' bgs. | | |
| 8 | | | | | 0.0 | | (7.0-8.0') SAND; very fine to fine; and SILT; wet; dark yellowish brown (10YR 4/4). | | |
| 9 | | | 56 | VAP-31(7-10) | 0.0 | | (8.0-11.0') SAND; very fine to fine; trace silt; well sorted wet; dark yellowish brown (10YR 4/4). | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | (11.0-11.5') SAND; fine to very coarse, subangular to subrounded; some granules to pebbles, small to medium, subangular to subrounded; little to trace silt; poorly sorted; wet; dark yellowish brown (10YR 4/4). | | |
| 13 | | | 34 | | 0.0 | | (11.5-12.0') SAND; very fine to fine; trace silt; well sorted; wet; dark grayish brown (10YR 4/2). | | |
| 14 | | | | VAP-31(7-10) | 0.0 | | (12.0-12.4') SAND; medium to coarse, subangular to subrounded; some fine sand; well sorted; wet; dark grayish brown (10YR 4/2). | | |
| 15 | | | | | 0.0 | | (12.4-15.0') SAND; very fine to fine; trace silt; well sorted; wet; dark grayish brown (10YR 4/2). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-32-3/6

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/13/2017
Date Completed: 06/13/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 81° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.4 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.2 | | (1.0-8.4') SAND; very fine to fine; trace to little silt; well sorted; dry to wet; yellowish brown (10YR 5/6). Note: Roots present from 1.0-6.0' bgs. | (1.0-2.75') Bentonite | |
| 3 | | | 72 | | 0.7 | | | (2.75-3.5') Sand and Screen | |
| 4 | | | | | 0.9 | | | | |
| 5 | | | | | 0.4 | | | (3.5-5.75') Bentonite | |
| 6 | | | | | 0.5 | | Note: Color change to light yellowish brown (10YR 5/6). | (5.75-6.0') Sand and Screen | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.1 | | Note: Wet at 8.0' bgs. | | |
| 9 | | | 55 | | 0.0 | | (8.4-14.3') SAND; fine to medium; trace to little coarse sand to granules, subangular to subrounded; trace pebbles, small, subangular; poorly sorted; wet; light yellowish brown (10YR 6/4). | | |
| 10 | | | | VAP-32(8-11) | 0.0 | | | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | | | 0.0 | | Note: Color change to gray (10YR 5/1) from 12.0-16.0' bgs. | | |
| 14 | | | 49 | | 0.0 | | | | |
| 15 | | | | VAP-32(13-16) | 0.0 | | (14.3-16.0') SAND; very fine; and SILT; wet; well sorted; gray (10YR 5/1). | | |
| 16 | | | | | 0.0 | | | | |
| 17 | | | | | | | End of boring at 16.0' bgs. | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs and direct push to 16.0' bgs for lithology. SVMP installed at 3.0/6.0' bgs in separate boring.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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Boring No.: SVMP-33-4

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 06/13/2017
Date Completed: 06/13/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 85° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-3.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.0 | | | | |
| 3 | | | 72 | | 0.0 | | Note: Roots present from 3.0-7.0' bgs. | (1.0-3.5') Bentonite | |
| 4 | | | | | 0.0 | | (3.0-8.0') SAND; very fine to fine; some silt; well sorted; dry to wet; dark grayish brown (10YR 4/2). | (3.5-4.0') Sand and Screen | |
| 5 | | | | | 0.1 | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | Note: Wet at 7.0' bgs. | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | 55 | VAP-33(7-10) | 0.0 | | (8.0-8.3') SAND; fine; and SILT; well sorted; wet brown (10YR 4/2). | | |
| 10 | | | | | 0.0 | | (8.3-9.0') SAND; fine to very coarse, subangular to subrounded; little to some granules to pebbles, small to medium, subangular to subrounded; little silt; wet; poorly sorted; brown (10YR 4/2). | | |
| 11 | | | | | 0.0 | | (9.0-13.0') SAND; fine to medium, subangular to subrounded; little coarse sand, subangular to subrounded; trace granules to pebbles, small, subangular; wet; poorly sorted. | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 48 | | 0.0 | | | | |
| 14 | | | | VAP-33(12-15) | 0.0 | | (13.0-13.6') SAND; very fine; and SILT; wet dark gray (10YR 4/1). | | |
| 15 | | | | | 0.0 | | (13.6-14.0') CLAY; high plasticity, slow dilatancy; soft; wet; dark gray (10YR 4/1). | | |
| 16 | | | | | | | (14.0-14.8') SAND; very fine to fine; well sorted; wet; dark gray (10YR 4/1). | | |
| 17 | | | | | | | (14.8-15.0') CLAY; high plasticity, low dilatancy; medium stiff to soft; wet; dark gray (10YR 4/1). | | |
| 18 | | | | | | | End of boring at 15.0' bgs. | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface;

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-34-4

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/13/2017
Date Completed: 06/13/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 81° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 16.2 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 2.2 | | (1.0-10.8') SAND; very fine to fine; trace to little silt; dry to wet; dark yellowish brown (10YR 4/6). | | |
| 3 | | | 72 | | 0.9 | | | (1.0-3.5') Bentonite | |
| 4 | | | | | 1.7 | | | | |
| 5 | | | | | 0.0 | | | (3.5-4.0') Sand and Screen | |
| 6 | | | | | 0.9 | | | | |
| 7 | | | | | 0.0 | | Note: Wet at 7.0' bgs. | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | 51 | VAP-34(7-10) | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | (10.8-11.5') SAND; fine to very coarse, subangular to subrounded; little to some granules to pebbles, small, subangular to subrounded; trace silt; poorly sorted; wet; dark grayish borwn (10YR 4/2). | | |
| 12 | | | | | 0.0 | | (11.5-15.0') SAND; fine to medium; trace to little coarse to very coarse sand; trace to little granules to small pebbles, subangular to subrounded; well sorted; wet; dark grayish brown (10YR 4/2). | | |
| 13 | | | 48 | | 0.1 | | | | |
| 14 | | | | VAP-34(12-15) | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs and direct push to 15.0' bgs for lithology. SVMP installed at 4.0' bgs in separate boring.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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Boring No.: SVMP-35-4

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI
Date Started: 06/13/2017
Date Completed: 06/13/2017
Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 79° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-1.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.0 | | (1.0-10.4') SAND; very fine to fine; trace silt; trace pebbles, small to medium, subangular; well sorted; dry to wet; very dark brown (10YR 2/2). | (1.0-3.5') Bentonite | |
| 3 | | | 72 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | | (3.5-4.0') Sand and Screen | |
| 5 | | | | | 0.0 | | Note: Color change to dark yellowish brown (10YR 3/6) at 4.0' bgs. | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | Note: Wet at 7.0' bgs. | | |
| 9 | | | 52 | VAP-35(7-10) | 0.0 | | | | |
| 10 | | | | | 0.0 | | Note: Color change to dark gray (10YR 4/1) at 9.5' bgs. | | |
| 11 | | | | | 0.0 | | (10.4-11.0') SAND; fine to very coarse, subangular to subrounded; little to some granules to pebbles, small to medium, subangular to subrounded; poorly sorted; wet; dark gray (10YR 4/1). | | |
| 12 | | | | | 0.0 | | (11.0-14.8') SAND; fine to medium; some coarse to very coarse sand; trace to little silt; well sorted; wet; dark gray (10YR 4/1). | | |
| 13 | | | 48 | | 0.0 | | | | |
| 14 | | | | VAP-35(12-15) | 0.0 | | | | |
| 15 | | | | | 0.0 | | (14.8-15.0') SILT; trace very fine sand; non plastic, no dilatancy; wet; dark gray (10YR 4/1). | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs and direct push to 15.0' bgs for lithology. SVMP installed at 4.0' bgs in separate boring.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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Boring No.: SVMP-36-4

# Soil Boring Log

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/14/2017
Date Completed: 06/14/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 74° F, Sunny

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-0.3') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.0 | | (0.3-2.0')SAND; very fine to fine; dry. Note: Fill and shingle pieces. | | |
| 3 | | | 72 | | 0.0 | | (2.0-2.2') CLAY; nonplastic; high dilatancy; dry; dark gray (10YR 4/1). | (1.0-3.5') Bentonite | |
| 4 | | | | | 0.0 | | (2.2-5.0') SAND; very fine to fine; little silt; trace pebbles, subangular to subrounded, small to medium; trace granules; dry to moist; poorly sorted; dark gray (10YR 4/1). | (3.5-4.0') Sand and Screen | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.1 | | (5.0-10.3') SAND; fine to medium, subangular to subrounded; little to some coarse to very coarse sand, subangular to subrounded; little granules to medium pebbles, angular to subrounded; trace silt; poorly sorted; moist to wet; grayish brown (10YR 5/2). Note: Clay seam; high plasticity, no to slow dilatancy from 6.8-6.9' bgs. Note: Wet at 7.0' bgs. | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | 52 | VAP-36(7-10) | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | | | 0.0 | | (10.3-11.6') SAND; fine to medium, subangular to subrounded; little to trace granules; trace pebbles, small, angular to subrounded; well sorted; wet; dark gray (10YR 4/1). | | |
| 12 | | | | | 0.0 | | (11.6-11.8') SAND; very fine; and SILT; wet; dark gray (10YR 4/1). | | |
| 13 | | | 48 | | 0.0 | | (11.8-15.0') CLAY; high plasticity; slow dilatancy; medium stiff to soft; wet; dark gray (10YR 4/1). | | |
| 14 | | | | VAP-36(12-15) | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs and direct push to 15.0' bgs for lithology. SVMP installed at 4.0' bgs in separate boring.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 7.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-37-2.5

Sheet: 1 of 1

Project Name: Ford Livonia Automatic Transmissions Plant
Project Number: MI001454
Project Location: Livonia, MI

Date Started: 06/14/2017
Date Completed: 06/14/2017

Logger: A. Reibel
Editor: T. Stevens
Weather Conditions: 70° F, Cloudy

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-3.0') TOPSOIL/GRASS. | Protective Casing (0.3-1.0') Sand | |
| 2 | | | | | 0.0 | | Note: Roots present from 0.0-3.0' bgs. | (1.0-2.25') Bentonite (2.25-2.5') Sand and Screen | |
| 3 | | | 72 | | 0.0 | | | | |
| 4 | | | | | 0.0 | | (3.0-4.0') SAND; very fine to fine; trace to little medium to coarse sand; little silt; well sorted; moist to wet; grayish brown (10YR 5/2). | | |
| 5 | | | | | 0.0 | | (4.0-7.6') SAND; fine to medium, subangular to subrounded; some coarse sand to granules, angular to subrounded; trace medium to large pebbles, subrounded; poorly sorted; wet grayish brown (10YR 5/2). | | |
| 6 | | | | VAP-37(4-7) | 0.1 | | Note: Wet at 4.0' bgs. | | |
| 7 | | | | | 0.0 | | | | |
| 8 | | | | | 0.0 | | (7.6-9.2') SAND; very fine to fine; wet; well sorted; dark gray (10YR 4/1). Note: Little to some silt from 8.0-9.0'. | | |
| 9 | | | 52 | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (9.2-15.0') CLAY; high plasticity, slow dilatancy; medium stiff to soft; wet; dark gray (10YR 4/1). | | |
| 11 | | | | | 0.0 | | | | |
| 12 | | | | | 0.0 | | | | |
| 13 | | | 48 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | 0.0 | | | | |
| 16 | | | | | | | End of boring at 15.0' bgs. | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Ryan Brown
Drilling Method: Direct Push
Drilling Fluid: None
Remarks: ' / ft = feet; " / in = inch; bgs = below ground surface; Hand Auger to 6.0' bgs and direct push to 15.0' bgs for lithology. SVMP installed at 2.5' bgs in separate boring. Groundwater sample not collected from temporary well set 9-12' bgs due to lack of water.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 4.0' bgs
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-16-03

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 06/07/2016
Date Completed: 06/07/2016

Logger: A. DeGrandis
Editor: A. DeGrandis
Weather Conditions: Overcast, 60F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | NA | | (0.0-0.5') ASPHALT. | Sand Backfill (0.0-0.3' bgs). | |
| 1 | | | | | 0.1 | | (0.5-2.0') SAND, fine to medium, subrounded to subangular; some granules to small pebbles, subrounded to subangular; trace large pebbles, subangular; trace silt; poorly sorted; dry to moist; dark gray (10YR 4/1). | | |
| 2 | | | 60 | | 0.0 | | (2.0-3.0') CLAY; some fine to medium sand, subrounded to subangular; little granules, subrounded to subangular; low plasticity; no dilatancy; moist; medium stiff; very dark grayish brown (2.5Y 3/2). | | |
| 3 | | | | | 0.0 | | (3.0-5.5') SAND, fine to medium, subrounded to subangular; little granules to small pebbles, subrounded to subangular; trace clay; poorly sorted; moist; dark gray (10YR 4/1). | | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | Betonite Seal (0.3-9.5' bgs). | |
| 6 | | | | | 0.0 | | (5.5-6.0') PEBBLES, granule to small, subangular; some fine to medium sand, subrounded to subangular; poorly sorted; moist; black (10YR 2/1). | | |
| 7 | | | | | 0.0 | | (6.0-7.0') SAND, fine to medium, subrounded to subangular; trace silt; well sorted; moist; dark yellowish brown (10YR 4/6). | | |
| 8 | | | 60 | | 0.0 | | (7.0-14.0') SAND, fine to medium, subrounded to subangular; little coarse sand; trace granules to medium pebbles, subrounded; poorly sorted; moist; gray (2.5Y 5/1). | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | 19 | GP | 0.0 | | | SVMP Screen (10.5-11.0' bgs). | |
| 12 | | | | | 0.0 | | Note: Wet at 12.0' bgs. | Sand Filter Pack (9.5-14.0' bgs). | |
| 13 | | | 18 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | | | |
| 15 | | | | | | | End of Boring at 14.0' bgs. | | |

Drilling Co.: Fibertec
Driller: Rhex Moore
Drilling Method: Geoprobe
Drilling Fluid: None
Remarks: Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 12.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-16-04

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 06/07/2016
Date Completed: 06/07/2016

Logger: A. DeGrandis
Editor: A. DeGrandis
Weather Conditions: Overcast, 60F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | NA | | (0.0-0.5') ASPHALT. | Sand Backfill (0.0-0.3' bgs). | |
| 1 | | | | | 0.8 | | (0.5-2.0') SAND, fine to medium, subrounded to subangular; little granules to small pebbles, subrounded to subangular; little silt; poorly sorted; dry to moist; brown (10YR 4/3). | | |
| 2 | | | | | | | | Betonite Seal (0.3-3.5' bgs). | |
| 3 | | | 60 | | 0.1 | | (2.0-3.0') CLAY; some fine to medium sand, subrounded to subangular; little granules to small pebbles, subrounded; low plasticity; no dilatancy; moist; medium stiff; very dark grayish brown (2.5Y 3/2). | | |
| 4 | | | | | 0.0 | | (3.0-6.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded; well sorted; moist; light olive brown (2.5Y 5/4). | | |
| 5 | | | | | 0.0 | | | SVMP Screen (4.5-5.0' bgs). | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | 42 | | 0.0 | | (6.0-9.0') SAND, fine to medium, subrounded to subangular; little granules, subrounded to subangular; trace silt; poorly sorted; wet; olive brown (2.5Y 5/4).<br>Note: Wet at 6.0' bgs. | Sand Filter Pack (3.5-10.0' bgs). | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | | | |
| 10 | | | | | 0.0 | | (6.0-7.0') SAND, fine; trace granules, subrounded; trace silt; poorly sorted; wet; gray (2.5Y 5/1). | | |
| 11 | | | | | | | End of Boring at 10.0' bgs. | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Rhex Moore
Drilling Method: Geoprobe
Drilling Fluid: None
Remarks: Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 6.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-16-05

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 06/07/2016
Date Completed: 06/07/2016

Logger: A. DeGrandis
Editor: A. DeGrandis
Weather Conditions: Overcast, 65F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | NA | | (0.0-0.5') ASPHALT. | Sand Backfill (0.0-0.3' bgs). | |
| 1 | | | | | 0.0 | | (0.5-2.0') SAND, fine to medium, subrounded to subangular; some granules to medium pebbles, subrounded to subangular; trace large pebbles, subangular; poorly sorted; dry to moist; dark gray (10YR 4/1). | | |
| 2 | | | 60 | | 0.3 | | (2.0-3.0') CLAY and fine to medium SAND, subrounded to subangular; little small pebbles, subrounded; trace medium to large pebbles, subangular; poor sort; low plasticity; no dilatancy; moist; medium stiff; very dark grayish brown (2.5Y 3/2). | | |
| 3 | | | | | 0.0 | | (3.0-4.5') SAND, fine to medium, subrounded to subangular; some granules to small pebbles, subangular; trace silt; poorly sorted; dry to moist; gray (2.5Y 5/1). | Betonite Seal (0.3-8.0' bgs). | |
| 4 | | | | | 0.0 | | (4.5-6.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded; well sorted; moist; olive brown (2.5Y 5/4). | | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | (6.0-9.0') SAND, fine to medium, subrounded to subangular; little granules, subrounded; trace small pebbles, subrounded; poorly sorted; moist; olive brown (2.5Y 5/4). | | |
| 7 | | | 46 | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (9.0-10.0') SAND, fine; well sorted; moist; gray (2.5Y 6/1). | SVMP Screen (9.0-9.5' bgs). | |
| 10 | | | | | 0.0 | | (10.0-12.0') SAND, medium, subrounded to subangular; little fine sand; trace granules to small pebbles, subrounded to subangular; poorly sorted; wet; gray (2.5Y 5/1). Note: Wet at 10.5' bgs. | Sand Filter Pack (8.0-12.0' bgs). | |
| 11 | | | 19 | | 0.0 | | | | |
| 12 | | | | | | | End of Boring at 12.0' bgs. | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Rhex Moore
Drilling Method: Geoprobe
Drilling Fluid: None
Remarks: Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 10.5
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-16-06

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 06/07/2016
Date Completed: 06/07/2016

Logger: A. DeGrandis
Editor: A. DeGrandis
Weather Conditions: Overcast, 65F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | NA | | (0.0-0.5') ASPHALT. | Sand Backfill (0.0-0.3' bgs). | |
| 1 | | | | | 0.0 | | (0.5-4.0') SAND, fine to medium, subrounded to subangular; little to some granules to small pebbles, subrounded to subangular; trace medium to large pebbles, subangular; trace silt; poorly sorted; dry to moist; dark gray (10YR 4/1). | | |
| 2 | | | 60 | | 0.0 | | | | |
| 3 | | | | | 0.0 | | | | |
| 4 | | | | | 0.0 | | (4.0-5.5') CLAY; some fine to medium sand, subrounded to subangular; trace granules, subangular; low plasticity; no dilatancy; moist; stiff; very dark grayish brown (2.5Y 3/2). | Betonite Seal (0.3-9.5' bgs). | |
| 5 | | | | | 0.0 | | (5.5-6.0') PEBBLES, granule to small, subrounded to subangular; some fine to medium sand, subrounded to subangular; poorly sorted; moist; black (10YR 2/1). | | |
| 6 | | | | | 0.0 | | (6.0-8.5') SAND, fine to medium, subrounded to subangular; trace granules, subrounded; trace silt; poorly sorted; moist; dark yellowish brown (10YR 4/6). | | |
| 7 | | | 51 | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.5-13.0') SAND, fine to medium, subrounded to subangular; trace granules to small pebbles, subrounded; poorly sorted; moist; gray (2.5Y 5/1). | | |
| 10 | | | | | 0.0 | | | | |
| 11 | | | 24 | | 0.0 | | | SVMP Screen (10.5-11.0' bgs). | |
| 12 | | | | | 0.0 | | Note: Wet at 12.0' bgs. | Sand Filter Pack (9.5-14.0' bgs). | |
| 13 | | | 18 | | 0.0 | | | | |
| 14 | | | | | 0.0 | | (13.0-14.0') SAND, medium to coarse, subrounded to subangular; little granules to small pebbles, subrounded; trace medium pebbles, subrounded; poorly sorted; wet; gray (2.5Y 5/1). | | |
| 15 | | | | | | | End of Boring at 14.0' bgs. | | |

Drilling Co.: Fibertec
Driller: Rhex Moore
Drilling Method: Geoprobe
Drilling Fluid: None
Remarks: Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 12.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-16-07

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 06/07/2016
Date Completed: 06/07/2016

Logger: A. DeGrandis
Editor: A. DeGrandis
Weather Conditions: Overcast, 65F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | NA | | (0.0-0.5') ASPHALT. | Sand Backfill (0.0-0.3' bgs). | |
| 1 | | | | | 0.0 | | (0.5-3.0') SAND, fine to medium, subrounded to subangular; some granules to small pebbles, subrounded to subangular; trace medium to large pebbles, subrounded to subangular; trace clay; poorly sorted; dry to moist; dark gray (10YR 4/1). | | |
| 2 | | | 60 | | 0.0 | | | | |
| 3 | | | | | 0.0 | | (3.0-3.5') CLAY; some fine to medium sand, subrounded to subangular; trace granules to small pebbles, subrounded; low plasticity; no dilatancy; moist; stiff; very dark grayish brown (2.5Y 3/2). | | |
| 4 | | | | | 0.0 | | (3.5-8.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded; trace silt; poorly sorted; moist; dark yellowish brown (10YR 4/6). | Betonite Seal (0.3-9.5' bgs). | |
| 5 | | | | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | 45 | | 0.0 | | | | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | 0.0 | | (8.0-11.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded; trace silt; poorly sorted; moist; gray (2.5Y 5/1). | | |
| 10 | | | | | 0.0 | | | SVMP Screen (9.5-10.0' bgs). | |
| 11 | | | 20 | | 0.0 | | (11.0-11.3') CLAY; high plasticity; moderate to rapid dilatancy; wet; soft; dark gray (2.5Y 4/1). Note: Wet at 11.0' bgs. | Sand Filter Pack (8.5-12.0' bgs). | |
| 12 | | | | | | | (11.3-12.0') SAND, medium to coarse, subrounded to subangular; little granules, subrounded; trace small pebbles, subrounded to subangular; poorly sorted; wet; gray (2.5Y 6/1). | | |
| 13 | | | | | | | End of Boring at 12.0' bgs. | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Rhex Moore
Drilling Method: Geoprobe
Drilling Fluid: None
Remarks: Hand Auger to 5.0' bgs.

Sampling Method: 5' Macrocore
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 11.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-16-08

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 06/08/2016
Date Completed: 06/08/2016

Logger: A. DeGrandis
Editor: A. DeGrandis
Weather Conditions: P. Cloudy, 55F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | NA | | (0.0-0.5') CONCRETE. | Sand Backfill (0.0-0.3' bgs). | |
| 1 | | | | | 0.0 | | (0.5-1.5') SAND, fine to medium, subrounded to subangular; trace granules to small pebbles, subrounded to subangular; trace silt; poorly sorted; moist; dark yellowish brown (10YR 3/6). | | |
| 2 | | | | | 0.0 | | (1.5-8.0') SAND, fine to medium, subrounded to subangular; little granules to small pebbles, subrounded to subangular; trace medium to large pebbles, subangular; trace silt; poorly sorted; moist; very dark gray (10YR 3/1). | | |
| 3 | | | | | 0.0 | | | Betonite Seal (0.3-7.0' bgs). | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | 114 | | 0.0 | | | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | | SVMP Screen (7.5-8.0' bgs). | |
| 8 | | | | | 0.0 | | (8.0-9.0') SAND, fine to medium, subrounded to subangular; trace granules, subrounded; trace silt; poorly sorted; moist; gray (2.5Y 5/1). | Sand Filter Pack (7.0-9.5' bgs). | |
| 9 | | | | | | | (9.0-9.5') SAND, fine to medium, subrounded to subangular; well sorted; wet; gray (2.5Y 5/1). Note: Wet at 9.0' bgs. | | |
| 10 | | | | | | | End of Boring at 9.5' bgs. | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Rhex Moore
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 6.0'

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 9.0
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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# Soil Boring Log

Boring No.: SVMP-16-09

Sheet: 1 of 1

Project Name: Livonia Transmission Plant
Project Number: MI001322.0001.00001
Project Location: Livonia, MI

Date Started: 06/08/2016
Date Completed: 06/08/2016

Logger: A. DeGrandis
Editor: A. DeGrandis
Weather Conditions: Sunny, 60F

| Depth (feet) | Sample Interval | Blow Counts | Recovery (in.) | Sample ID | PID (ppm) | USCS Class | Description | Construction Details | Well |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.0 | | (0.0-2.0') SAND, fine to medium, subrounded to subangular; little granules to medium pebbles, subrounded to subangular; trace large pebbles, subrounded; trace clay; poorly sorted; dry to moist; very dark gray (10YR 3/1). | Sand Backfill (0.0-0.5' bgs). | |
| 2 | | | | | 0.0 | | | | |
| 3 | | | | | 0.0 | | (2.0-4.0') SAND, fine to medium, subrounded to subangular; some clay; little granules, subrounded to subangular; poorly sorted; dry to moist; very dark gray (10YR 3/1). | Betonite Seal (0.5-6.0' bgs). | |
| 4 | | | | | 0.0 | | | | |
| 5 | | | 102 | | 0.0 | | (4.0-6.5') SAND, fine to medium, subrounded to subangular; trace granules to small pebbles, subrounded to subangular; trace clay; poorly sorted; moist; dark yellowish brown (10YR 3/6). | | |
| 6 | | | | | 0.0 | | | | |
| 7 | | | | | 0.0 | | (6.5-8.5') SAND, medium, subrounded to subangular; little fine sand; well sorted; moist; light olive brown (2.5Y 5/3). Note: Wet at 8.0' bgs. | SVMP Screen (6.5-7.0' bgs). Sand Filter Pack (6.0-8.5' bgs). | |
| 8 | | | | | 0.0 | | | | |
| 9 | | | | | | | End of Boring at 8.5' bgs. | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |

Drilling Co.: Fibertec
Driller: Rhex Moore
Drilling Method: Hand Auger
Drilling Fluid: None
Remarks: Hand Auger to 6.0'

Sampling Method: Hand Auger
Sampling Interval: Continuous
Water Level Start (ft. bgs.): 8
Water Level Finish (ft. btoc.): NA
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor:
East Coor:

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