

TRANSMITTAL LETTER



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Copies:

Date:
July 31, 2020

Subject:
Livonia Transmission Plant
Q2 2020 Progress Report

Arcadis Project No.:
30050315

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FORD MOTOR COMPANY

QUARTERLY PROGRESS REPORT - 2Q 2020

Livonia Transmission Plant

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July 31, 2020

A large, solid orange geometric shape, resembling a stylized triangle or a section of a larger triangle, is positioned in the bottom right corner of the page. It has a diagonal line running from the bottom left to the top right, and a horizontal line near the bottom, creating a sense of depth and movement.

QUARTERLY PROGRESS REPORT - 2Q 2020

Livonia Transmission Plant



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July 31, 2020

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2Q 2020: Activities

On-Site

1. Groundwater Sampling
2. Hydraulic Control System
 - ✓ Operating as Designed Since March 15, 2017
 - ✓ Discharge Compliance
3. Sub-Slab Depressurization System
 - ✓ Operating as Designed Since August 13, 2018
 - ✓ Discharge Compliance
4. Response Activities
 - Vapor Intrusion Assessment/Sampling
 - Groundwater Delineation
 - Utility Corridor Assessment

Total On-Site Routine Samples

Period	Groundwater / Water	Soil/ Sediment	Sub-Slab /Soil Gas
2Q 2020	45	0	0
Total since Oct. 2015	1,258	328	441

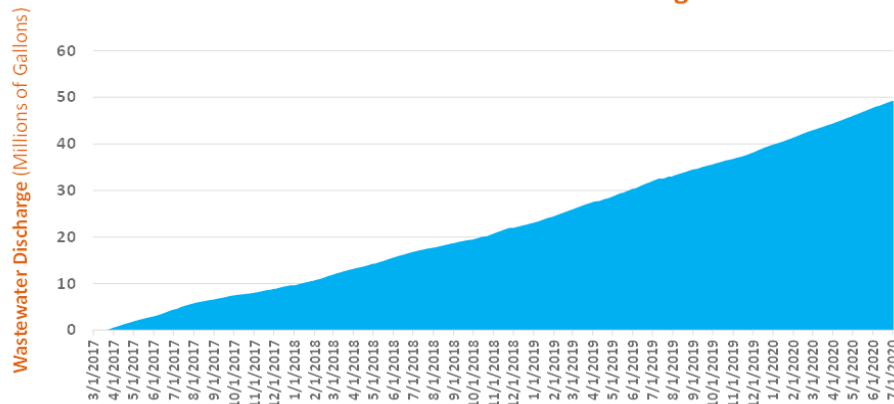
Off-Site

1. Groundwater Sampling
2. Response Activities
 - Vapor Intrusion Assessment
 - Vapor Intrusion Mitigation
 - Groundwater Delineation
 - Utility Corridor Assessment

Total Off-Site Routine Samples

Period	Groundwater	Soil Gas
2Q 2020	64	0
Total since Oct. 2015	1,139	255

Hydraulic Control System – Through June 2020 Total Treated Groundwater Discharged



Total Treated Groundwater: 49,193,909 Gallons

■ Cumulative Discharge Volume, gallons

2018-2020 Document Submittal

Document	Date Submitted	Status
4Q 2017 Progress Report	1/30/18	Received
RespAP Response to Comments Letter	4/13/18	Received
VI RespAP 6.6(b)(i) Revised	4/13/18	Approved with Modifications
RI RespAP 6.7 Revised	4/13/18	Approved with Modifications
1Q 2018 Progress Report	4/30/18	Received
Response to EGLE Request for CSM	7/20/18	Received
2Q 2018 Progress Report	7/31/18	Received
Public Outreach Plan	8/7/2018	Received
3Q 2018 Progress Report	10/31/18	Received
4Q 2018 Progress Report	2/1/2019	Received
Response to EGLE	2/8/2019	Responded
Response to EGLE	3/11/19	Responded
Response to EGLE	3/14/19	Responded
Extension Request to EGLE	3/14/19	Responded
Laboratory Memo	4/16/19	Received
Extension Request to EGLE	4/17/19	Responded
1Q 2019 Progress Report	5/2/19	Received
Response to EGLE	5/15/19	Responded
Response to EGLE	5/17/19	Responded
Response to EGLE	5/24/19	Responded
Response to EGLE	5/30/19	Responded

Document	Date Submitted	Status
EGLE Update Letter	6/7/19	Received
Updated Public Outreach Plan	6/28/19	Received
EGLE Update Letter	7/12/19	Received
Response to EGLE	7/25/19	Responded
EGLE Update Letter	7/31/19	Received
Q2 2019 Progress Report	7/31/19	Received
Residential Concern Memo	7/31/19	Received
Utility Corridor Response Activity Plan	8/8/19	Responded
EGLE Update Letter	8/30/19	Received
Residential Concern Memo	8/30/19	Received
EGLE Update Letter	9/30/19	Received
Residential Concern Memo	9/30/19	Received
Residential Concern Memo	10/31/19	Received
EGLE Update Letter	10/31/19	Received
Q3 2019 Progress Report	11/8/19	Received
EGLE Update Letter	11/27/19	Received
Residential Concern Memo	11/27/19	Received
EGLE Update Letter	12/31/19	Received
Residential Concern Memo	12/31/19	Received
Response Activity Plan – Revised Utility Corridor Evaluation	1/7/2020	Received
EGLE Letter	1/23/2020	Received
Residential Concern Memo	1/31/2020	Received
Q4 2019 Progress Report	1/31/2020	Received

2018-2020 Document Submittal

Document	Date Submitted	Status
EGLE Update Letter	1/31/2020	Received
EGLE Update Letter	2/14/2020	Received
Residential Concern Memo	2/29/2020	Received
EGLE Update Letter	2/29/2020	Received
EGLE Update Letter	3/5/2020	Received
EGLE Update Letter	3/31/2020	Received
Residential Concern Memo	3/31/2020	Received
EGLE Update Letter	4/30/2020	Received
Residential Concern Memo	4/30/2020	Received
1Q 2020 Progress Report	4/30/2020	Received
EGLE Update Letter	5/31/2020	Received
Residential Concern Memo	5/31/2020	Received
EGLE Update Letter	6/30/2020	Received
Residential Concern Memo	6/30/2020	Received

Upcoming Dates 2020

August Off-Site 3Q 2020
Groundwater Sampling

August On-Site 3Q 2020
Groundwater Sampling

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Figure 9 – Off-Site Monitoring Wells 1,4-Dioxane in Groundwater

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Figure 11 – Off-Site Monitoring Wells Vinyl Chloride in Groundwater

Figure 12 – Hydraulic Gradient Map May 2020

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Appendix A - On-Site Groundwater Field Sampling Logs

Appendix B - Off-Site Residential Monitoring Wells

Appendix C - Off-Site Groundwater Field Sampling Logs

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Appendix E - Stability Analysis

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ACRONYMS AND ABBREVIATIONS

1,1-DCE	1,1-dichloroethene
1Q 2020	first quarter of 2020
2Q 2020	second quarter of 2020
3Q 2020	third quarter of 2020
AOC	area of concern
Arcadis	Arcadis of Michigan LLC
CD	Consent Decree
cis-1,2-DCE	cis-1,2-dichloroethene
COVID-19	coronavirus disease of 2019
DCE	dichloroethane
EGLE	Michigan Department of Environment, Great Lakes, and Energy
Ford	Ford Motor Company
GLWA	Great Lakes Water Authority
HCS	hydraulic control system
LEL	lower explosive limit
LNAPL	light non-aqueous phase liquid
LTP	Livonia Transmission Plant
µg/L	microgram per liter
mg/L	milligram per liter
PCE	tetrachloroethene
PLC	programmable logic controller
report	Progress Report
ROW	right-of-way
SSDS	sub-slab depressurization system
TCE	trichloroethene
TestAmerica	TestAmerica Laboratories
the site	Livonia Transmission Plant, 26200 Plymouth Road, Livonia, Michigan
trans-1,2-DCE	trans-1,2-dichloroethene
USEPA	United States Environmental Protection Agency
VC	vinyl chloride
VI	vapor intrusion
VOC	volatile organic compound

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1 INTRODUCTION

1.1 Purpose of This Report

Arcadis of Michigan LLC (Arcadis), on behalf of Ford Motor Company (Ford) has prepared this Progress Report (report) for the Livonia Transmission Plant (LTP) property (the site) located at 36200 Plymouth Road in Livonia, Michigan. This report was produced in compliance with a Consent Decree (CD) filed by the Michigan Department of Environment, Great Lakes, and Energy (EGLE), formerly known as the Michigan Department of Environmental Quality (MDEQ), on July 27, 2017 (No: 2:1712372-GAD-RSW). The purpose of this report is to summarize the routine groundwater and vapor sampling conducted both at the site and the area east of the site, as well as the performance monitoring and maintenance associated with the hydraulic control system (HCS) and sub-slab depressurization system (SSDS) completed voluntarily by Ford. This report includes activities completed during the second quarter of 2020 (2Q 2020), from April 1 through June 30, 2020. Activities described in this 2Q 2020 report include:

- On-site and off-site groundwater sampling
- HCS operation, evaluation, and performance monitoring
- SSDS operation, evaluation, and performance monitoring

This report primarily focuses on the seven constituents of concern for the site, including: 1,1-dichloroethene (1,1-DCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), tetrachloroethene (PCE), trichloroethene (TCE), vinyl chloride (VC), and 1,4-dioxane.

1.2 Additional Response Activities

Additional response activities completed in 2Q 2020 include off-site vapor intrusion (VI) investigation, continued delineation of both the on-site and off-site groundwater impacts, and activities related to the utility corridor investigation, as outlined in the Response Activity Plan - Vapor Intrusion Evaluation (Arcadis 2018a) and the Response Activity Plan - Remedial Investigation (Arcadis 2018b), both dated April 13, 2018 and Response Activity Plan – Utility Corridor Evaluation Revised (Arcadis 2020) dated February 11, 2020. In addition to the activities completed under these approved Response Activity Plans, this report includes information regarding the interim preemptive mitigation system activities completed in 2Q 2020. Details regarding the additional response activities completed in 2Q 2020 are provided below.

Date	Activity	Activities Completed in 2Q 2020	Additional Activities Required (yes or no)
April to June 2020	Additional Off-Site VI Assessment	A total of 78 samples collected (includes duplicate samples), includes sub-slab, indoor air, and ambient.	Yes

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Date	Activity	Activities Completed in 2Q 2020	Additional Activities Required (yes or no)
June 2020	On-Site and Off-Site Utility Corridor VI Assessment	A total of 41 samples collected (includes duplicate samples), includes liquid, sediment, and ambient.	Yes
April to June 2020	Additional On-Site VI Assessment	Sub-slab samples for the On-Site VI Assessment were not collected in 2Q 2020.	Yes
April to June 2020	Additional On-Site and Offsite- Monitoring Well Installation	Four monitoring wells installed on site.	Yes
April to June 2020	Additional On-Site and Off-Site Investigation	Four investigation soil borings completed on-site near the southern tank farm. Vertical aquifer profile sampling completed at each location.	Yes
April to June 2020	Off-Site Mitigation System Installation	Sub-membrane depressurization system installation activities continue at one property.	Yes

The off-site VI assessment is ongoing. The additional off-site VI data collected during 2Q 2020 are summarized in Section 3.

On March 17, 2020, Ford sent a memo to EGLE titled “COVID-19 Force Majeure” (Ford 2020) requesting to temporarily halt off-site VI sampling and mitigation work in residential homes and commercial businesses due to the spread of the coronavirus disease of 2019 (COVID-19), pursuant to the Force Majeure provisions contained in the Consent Decree entered on July 27, 2017 in Michigan Department of Environmental Quality v. Ford Motor Company, Case No. 2:1712372-GAD-RSW. On March 23, 2020, EGLE responded in a memo granting that off-site VI sampling and mitigation work in residential homes and commercial business will be temporarily suspended for 30 days (EGLE 2020). In the memo, EGLE stipulated that, if a residential mitigation system fails during this 30-day Force Majeure event, Ford will still be required to evaluate the mitigation system and conduct repairs to make the system effective and operational using the Centers for Disease Control and Prevention social distancing strategies. On April 24, 2020, EGLE approved an extension to the Force Majeure until April 30, 2020 and advised that the situation be re-evaluated based upon the relevant guidance and orders from the State of Michigan Executive Office. On May 22, 2020 Governor Gretchen Whitmer issued an extension to the executive order for all non-essential workers to stay at home until June 12, 2020. As a result, all VI sampling appointments and mitigation system installations were temporarily suspended and resumed on Monday, June 15, 2020 when the executive order was lifted by the Governor.

The LTP has been active in manufacturing in some capacity since the 1950s. The site is located at 36200 Plymouth Road, Livonia, Michigan (**Figure 1**) and occupies 178 acres of land. The LTP building occupies approximately 3 million square feet. The area surrounding the site includes light-industrial, commercial, and residential properties. For the purpose of this report, data are presented based on their locations as either on-site or off-site (**Figure 2**). On-site area of concern (AOC) locations include all areas within the

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site boundary, including the LTP, Test Track, Wastewater Pre-Treatment Plant, Automatic Transmission Plant New Product Center, associated outbuildings, and the Plymouth Road right-of-way (ROW). Off-site AOC locations include commercial and residential properties located east of the site, from Belden Court west to Stark Road, and from Plymouth Road north to the railroad ROW (**Figure 2**).

2 SUMMARY OF ROUTINE ACTIVITIES

The following table summarizes all routine monitoring activities completed at the AOC during 2Q 2020. Refer to the subsequent sections for further detail on each respective event and associated tables and figures.

Date	Activity	Tables	Figures
May 2020	On-Site Groundwater Sampling	1, 2	3, 4, 5, 6, 7, 8,
May 2020	Off-Site Groundwater Sampling	3, 4	3, 9, 10, 11
April to June 2020	HCS Performance Monitoring	5	2, 3, 12
April to June 2020	SSDS Performance Monitoring	-	2

2.1 On-Site Groundwater Sampling

Arcadis completed on-site gauging on May 18, 2020. Monitoring wells and piezometers were gauged from the top of casing using an electronic water level meter to within 0.01 foot. A summary of the on-site 2Q 2020 groundwater elevations is included in the on-site quarterly groundwater elevation summary table (**Table 1**). On-site groundwater elevation contours and apparent groundwater flow for the 2Q 2020 are provided on **Figure 3**.

On-site groundwater sampling was conducted from May 19 through May 30, 2020. A sample could not be collected from MW-21 because product was detected in this well during the gauging event. Groundwater was purged from the wells at a flow rate of 100 to 300 milliliters per minute until field parameters (i.e., conductivity, pH, turbidity, temperature, dissolved oxygen, and oxidation-reduction potential) stabilized. Once field parameters stabilized, groundwater samples were collected into laboratory-supplied bottles. A summary of the 2Q 2020 groundwater analytical results is presented in the on-site quarterly groundwater analytical data summary table (**Table 2**). On-site groundwater field sampling logs are provided for reference in **Appendix A**.

Groundwater samples were collected from 45 on-site monitoring wells and submitted on ice to TestAmerica Laboratories (TestAmerica) in Canton, Ohio and Edison, New Jersey. Additionally, duplicates and trip blanks collected during the sampling event were analyzed in accordance with the methodology specified in the on-site Quality Assurance Project Plan (Arcadis 2017a) and submitted to TestAmerica. All groundwater samples were submitted for analysis of the seven constituents of concern volatile organic compounds (VOCs) via United States Environmental Protection Agency (USEPA) Method 8260B and 1,4-dioxane via USEPA Method 8260B-SIM based on a standard turnaround time of 10 business days. The groundwater analytical results are discussed in Section 3.

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2.2 Off-Site Groundwater Sampling

Arcadis completed off-site gauging on May 18, 2020. Monitoring wells were gauged from the top of casing using an electronic water level meter accurate to within 0.01 foot. A summary of the 2Q 2020 groundwater elevations (ROW monitoring wells only) is included in the off-site quarterly groundwater elevation summary table (**Table 3**). Groundwater elevation contours and apparent groundwater flow are provided on **Figure 3**. Only monitoring wells within the ROWs were gauged during the site-wide gauging event and used to produce the elevation contour figure.

Off-site groundwater sampling was conducted from May 19 through May 26, 2020. Groundwater was purged from the monitoring well at a flow rate of 100 to 300 milliliters per minute until field parameters (i.e., depth to water, specific conductance, conductivity, pH, turbidity, temperature, dissolved oxygen, and redox/oxidation-reduction potential) stabilized. Once field parameters were stable, groundwater samples were collected into laboratory-supplied bottles. The 2Q 2020 groundwater analytical results are summarized in the off-site quarterly groundwater analytical data summary tables (**Table 4** and **Appendix B**). Off-site groundwater field sampling logs are provided for reference in **Appendix C**.

Groundwater samples were collected from 64 monitoring wells and submitted on ice to TestAmerica. Additionally, duplicates, matrix spike/matrix spike duplicates, and trip blanks collected during the sampling event were analyzed in accordance with the methodology specified in the off-site Quality Assurance Project Plan (Arcadis 2017b) and submitted to TestAmerica.

All groundwater samples were submitted for analysis of the seven constituents of concern via USEPA Method 8260B and 1,4-dioxane via USEPA Method 8260B-SIM based on a standard turnaround time of 10 business days. The groundwater analytical results are discussed in Section 3.

2.3 Hydraulic Control System

2.3.1 System Overview

The HCS was installed to intercept groundwater and mitigate the potential for impacted groundwater to continue to migrate east of the HCS. Ford began operation of the HCS on March 15, 2017.

The system is designed to extract groundwater via four horizontal wells (ESD-1, ESD-2, ESD-3, and ESD-4; **Figure 2**), 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 on a line approximately perpendicular to groundwater flow. 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 it is discharged to the sanitary sewer under the approved wastewater discharge permit (permit number 006-27510-IU) with the Great Lakes Water Authority (GLWA).

HCS equipment is operated by a programmable logic controller (PLC) unit that allows the system to function without constant operator supervision. The HCS operates each horizontal well by extracting groundwater to achieve the set level within each pumping well. Pumping in each well ceases when target drawdown is achieved and resumes when the water level begins to rebound. Details regarding design and operation of the system are provided in the Remedial System Operation and Maintenance Manual dated June 29, 2017 and in the Conceptual Site Model (Arcadis 2017c) dated August 25, 2017.

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2.4 Interim Sub-Slab Depressurization System

2.4.1 System Overview

In response to the presence of VOCs beneath the LTP building, Ford has designed, installed, and is operating an interim SSDS. The SSDS was specifically designed to target select locations in the plant where the highest concentrations of VOCs were present underneath the concrete slab. The goal of the interim SSDS is to reduce the potential for sub-slab soil vapor to potentially migrate through the concrete slab into indoor air. Construction of the SSDS began in September 2017, and the system started extracting and treating soil vapor on August 14, 2018.

The system is designed to extract soil vapor via nine suction pits located in the LTP building (**Figure 2**). The suction pits are installed just beneath the building slab to induce a sub-slab vacuum and reduce the potential for sub-slab soil vapor to migrate into the indoor air. Each suction pit is connected to the conveyance piping network to transmit extracted soil vapor to the system building, where it is treated via a catalytic oxidizer before being discharged to the atmosphere pursuant to the Rule 290 air permitting exemption of the Michigan Air Pollution Control Rules.

3 SUMMARY OF RESPONSE ACTIVITY RESULTS

3.1 On-Site Groundwater Sampling

The on-site monitoring well groundwater results are compared to Michigan Part 201 Non-residential Generic Cleanup Criteria (MDEQ 2018). Comprehensive analytical results are summarized in **Table 2**. Compound concentrations of constituents of concern exceeding Part 201 Non-residential Generic Cleanup Criteria for 2Q 2020 include cis-1,2-DCE, trans-1,2-DCE, TCE, and VC. Figures summarizing the exceedances of cis-1,2-DCE, trans-1,2-DCE, TCE, VC, and 1,4-dioxane from the four most recent quarters of data (September 2019, November 2019, February 2020, and May 2020) are provided on **Figures 4 through 8**, respectively. All other site-specific compounds (i.e., 1,1-DCE and PCE) either were not detected at concentrations above the reporting limits or were detected at concentrations below Part 201 Non-residential Generic Cleanup Criteria for 2Q 2020.

3.2 Off-Site Groundwater Sampling

The off-site monitoring well groundwater results are compared to the Part 201 Residential Generic Cleanup Criteria (June 2018) and the site-specific groundwater VI screening levels included as part of the CD. However, the site-specific screening levels provided for TCE and VC where groundwater may be in contact with a structure are below typical target detection limits for these compounds. In December 2017, Ford requested and received EGLE approval to use the EGLE Remediation and Redevelopment Division target detection limits for TCE and VC of 1.0 microgram per liter (µg/L) as the groundwater screening level protective of VI at residential structures where there is potential for groundwater to be in contact.

Comprehensive off-site groundwater analytical results are summarized in **Table 4** and **Appendix B**. Only VC was detected during the 2Q 2020 event in off-site monitoring wells to the east of the site property at concentrations above the applicable criteria (VC 1.0 µg/L). The results for 1,4-dioxane, TCE, and VC from

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the four most recent quarters (September 2019, November 2019, February 2020, and May 2020) of data for the off-site monitoring wells to the east of the site property boundary are provided on **Figures 9, 10, and 11**, respectively. Other site-specific compounds (i.e., cis-1,2-DCE, 1,4-dioxane, 1,1-DCE, trans-1,2-DCE, and PCE) either were not detected at concentrations above the reporting limits or were detected at concentrations below respective Part 201 Residential Generic Cleanup Criterion for 2Q 2020.

3.3 Off-Site Vapor Intrusion

3.3.1 Ongoing Off-Site Vapor Intrusion Response Activities

Since September 2018, multiple media have been sampled to assess VI. To date, approximately 3,067 indoor air, ambient air, and sub-slab soil vapor samples (including duplicate samples) have been collected at residential and commercial properties. Additionally, 55 water samples have been collected from residential properties where a sump is present.

On November 13, 2019, EGLE sent Ford an email indicating that, because the 100-foot buffer line was moving more to the north along Capitol Avenue, three additional residential homes were required to be mitigated consistent with the interim preemptive mitigation program. Preemptive mitigation is ongoing at 33 residential properties. To date, 29 of the 33 mitigation systems have been installed. Two of the four remaining mitigation systems began installation in 1Q 2020 with planned completion of all residential properties by the third quarter of 2020 (3Q 2020). Mitigation in one of the remaining homes is pending per the property owner's request. Due to illness, the property owner has requested that installation be further delayed. The remaining home has not been completed due to access issues.

3.4 Hydraulic Control System Operation and Performance Monitoring

The HCS performance is continually being evaluated and monitored. Treated water discharge volumes are documented daily and tabulated monthly (**Table 5**). System shutdowns are documented as detailed below. Samples are collected monthly to document permit compliance for sanitary discharge and air emissions.

3.4.1 Hydraulic Control System Operation

The HCS operated with minimal unscheduled downtime. **Exhibit 1** describes the system shutdowns, approximate durations, and dates. The majority of the downtime was to facilitate routine maintenance. The system operated with an uptime of 97.2 percent during 2Q 2020.

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Exhibit 1: HCS Shutdown Summary

Date of Shutdown	Duration of Shutdowns	Summary of Shutdown
April 15, 2020	Less than 24 hours	System shutdown to perform backwashing on the lead carbon vessel. Field staff completed backwashing, and the HCS resumed normal operation the same day. Total shutdown time was approximately an hour.
April 23, 2020	Less than 24 hours	System shutdown to complete cleaning activities on the air stripper sump, trays, and floats. Normal operation resumed the same day. Total shutdown time was approximately five hours.
April 24, 2020	Less than 24 hours	System shutdown to pump down groundwater storage tote. Field staff completed pumping, and the HCS resumed normal operation the same day. Total shutdown time was approximately a half hour.
April 27, 2020	Less than 24 hours	System shutdown to check the back flow valve on the air stripper transfer pump due to high pressures. A piece of metal was found to be blocking the valve from opening all the way. It was removed and the system was restarted. Total shutdown time was less than a half hour.
May 7, 2020	Less than 24 hours	System shutdown to complete updates on the Programmable Logic Controller (PLC). Field staff shut down system, updates for the FQI770 flow meter knock out float and building temperature programming were performed, and system was restarted. Total shutdown time was less than three hours.
May 12, 2020	Less than 24 hours	System shutdown to complete updates on the PLC. Field staff shut down system, updates were performed, and system was restarted. Total shutdown time was approximately an hour.
May 20, 2020	Less than 24 hours	System shutdown to pump down the groundwater storage tote. Field staff completed pumping, and the HCS resumed normal operation the same day. Total shutdown time was approximately an hour.
May 26, 2020	Less than 24 hours	System shutdown to pump down the groundwater storage tote. Field staff completed pumping, and the HCS resumed normal operation the same day. Total shutdown time was approximately an hour.
May 29, 2020	Less than 24 hours	System shutdown to perform backwashing on the lead carbon vessel. Field staff completed backwashing, and the HCS resumed normal operation the same day. Total shutdown time was less than an hour.
June 8, 2020 through Jun 10, 2020	Less than 48 hours	System shutdown to complete carbon change out. System was shut down by field staff on June 8, 2020, and carbon was replaced. Vessels were left to soak, and field staff restarted the system June 10, 2020. Total shutdown time was approximately 48 hours.
June 18, 2020	Less than 24 hours	System shutdown to complete updates on the PLC. Field staff shut down system, updates were performed, and system was restarted. Total shutdown time was less than an hour.

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QUARTERLY PROGRESS REPORT – 2Q 2020

During the reporting period, groundwater was extracted from the horizontal wells to maintain continuous and consistent drawdown in each horizontal well. On March 24, 2020, the pump in horizontal well ESD-3 shut down. On March 25, 2020, the pump was evaluated, and it was determined that a new pump was needed to continue operation of ESD-3. The new pump was installed on April 2, 2020. Following the replacement of the pump, ESD-3 returned to normal operation. Discharge volumes and flow rates tabulated monthly during the reporting period are summarized in **Exhibit 2**. Daily HCS discharge volumes and monthly discharge totals are provided in **Table 5** for the 2Q 2020 reporting period. The total volume of water collected and treated from system startup on March 15, 2017 through 2Q 2020 is 49,193,909 gallons.

Exhibit 2: HCS Treated Discharge Water Volume and Flow Rate Summary – 2Q 2020

Month	Volume Treated (gallons)	Average Operational Flow Rate* (gallons per minute)
April	1,627,656	38
May	1,737,867	39
June	1,500,780	35

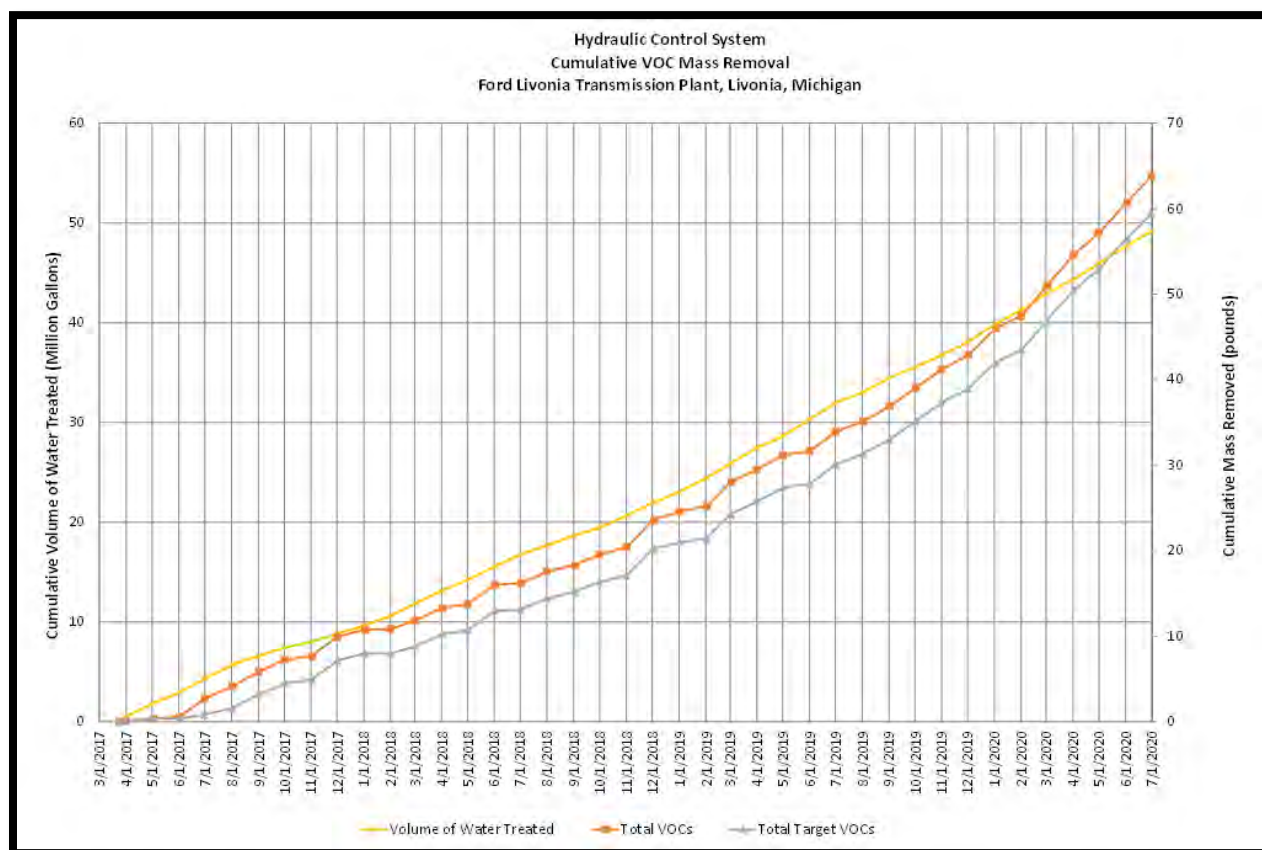
Notes:

*Treated volume divided by operating time.

Exhibit 3 on the next page depicts the cumulative constituent-specific mass removal of VOCs through the 2Q 2020 reporting period. Groundwater mass removal calculations are based on air stripper effluent vapor sampled since June 2017.

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Exhibit 3: HCS Mass Removal – 2Q 2020



3.4.2 Maintenance Activities

Routine maintenance is required for effective operation of the HCS equipment and groundwater extraction. In 2Q 2020, maintenance activities included routine bag filter changes, system cleanings, programming updates, ESD-3 pump replacement, carbon backwashes, and a carbon changeout of both carbon vessels.

3.4.3 Hydraulic Control System Performance Monitoring

The performance of the HCS is evaluated in general accordance with USEPA guidance – A Systematic Approach for Evaluation of Capture Zone at Pump and Treat Systems (USEPA 2008) to demonstrate that the system is capturing groundwater as designed and mitigating additional migration of impacted groundwater to the east of the HCS. Three lines of evidence are used to evaluate system performance:

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

Aquifer response and well efficiency during 2Q 2020 remained consistent with previous quarters.

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3.4.3.1 Groundwater Elevation

A groundwater elevation contour map, including the area around the HCS system, is provided as **Figure 3**. The HCS wells are a horizontal groundwater sink oriented perpendicular to groundwater flow that captures groundwater flux across the approximately 2,000-foot long cross-sectional area. The elevation of groundwater and the corresponding HCS total flow rate vary seasonally. The HCS extraction wells are equipped with variable speed pumps and can vary flow rate based on wet and dry seasons. The average monthly pumping rates (ranging from approximately 13 to 42 gallons per minute over the course of system operation) are consistent with the range of ambient groundwater flux rate calculated for the site. As shown on **Figure 3**, the hydraulic gradient west of the HCS is steep as groundwater approaches the HCS system, and then exhibits a deflection around the northern HCS wells (ESD-1 and ESD-2) with a more pronounced inward gradient around wells ESD-3 and ESD-4. This result is consistent with groundwater removal and capture at the site.

Consistent with USEPA guidance, hydraulic gradient direction was calculated for a series of well triplets located downgradient from the HCS system. Groundwater gauging was completed during the groundwater sampling event on May 18, 2020. The well triplets and calculated flow vectors are shown on **Figure 12**. The May 2020 gradient map shows that flow near the northern portion of the system (ESD-1) is deflected to the south, bending toward the southern end of ESD-1 and ESD-2 and then becoming more inward (westerly) downgradient from ESD-3 and ESD-4.

Hydraulic capture is difficult to evaluate for this system for several reasons:

- Aquifer response can be subtle (as outlined below), and low seasonal water levels during drier portions of the year can further confound drawdown within portions of the system area of influence.
- The coverage provided by the existing piezometers and monitoring wells is relatively sparse, and the well spacing relative to the HCS extraction wells is not optimum. Dense utilities in the area limit safe drilling locations (particularly near ESD-1) and monitoring well spacing near the ESD wells is maintained to avoid striking the HCS system during drilling (i.e., ESD horizontal locations are +/- 5 feet).
- HCS well efficiency also tends to decrease with time, and regular maintenance is required to maintain optimum performance.

3.4.3.2 Hydraulic Response

Pressure transducers have been installed to monitor the system performance and influence on the aquifer system surrounding the HCS. Transducers are installed in 20 monitoring wells and piezometers at the southern end of the HCS wells above the pump and within the northern access vaults for each well. Below is a list of the monitoring wells that are currently equipped with transducers:

- ESD-1: MW-50, MW-62, PZ-01, PZ-08, PZ-14, and PZ-15 record water levels near the northernmost section of the system adjacent to ESD-1.
- ESD-2: MW-48, PZ-06, PZ-07, and PZ-09 record water levels near the center section of the system adjacent to well ESD-2.

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- ESD-3: MW-46, MW-68, PZ-03, PZ-10, and PZ-13 record water levels near the center section of the system adjacent to well ESD-3.
- ESD-4: MW-45, MW-71, PZ-05, PZ-11, and PZ-12 record water levels near the southern section of the system adjacent to well ESD-4.
- The transducers located above the pumps on the southern end of each well are used to monitor pumping drawdown and modulate pumping rates for each well.
- Transducers located at the northern end of each HCS well are used to evaluate head loss along the length of the HCS well screen and evaluate pumping efficiency.
- The transducer located at MW-18 provides upgradient background water level data to help evaluate regional and seasonal groundwater elevation trends.

The transducer data for 2Q 2020 show piezometer and monitoring well groundwater elevation response in phase with pumping response, indicating hydraulic communication between the HCS wells and the surrounding aquifer. Hydrographs for each ESD well are provided in **Appendix D**.

3.4.3.3 Groundwater Analytical Trends

To date, 14 quarters of groundwater samples have been collected from monitoring wells beginning in 2016 (May 2016, April 2017, July 2017, November 2017, February 2018, May 2018, August 2018, October/November/December 2018, February/March 2019, May/June 2019, September 2019, November 2019, February 2020, and May 2020). Analytical results from the four most recent quarters of data are included on **Figures 4** through **11**. A key result of the performance monitoring is from monitoring well MW-71, which is located west of the HCS, opposite the primary zone of VOC impact migrating east from the LTP building. Since the installation of this well (April 2017), concentrations have been stable with only estimated detections of total dichloroethane (DCE) and VC at concentrations less than 1.0 µg/L.

Concentration trends for TCE, total DCE, and VC were reviewed at representative wells located along the axis of impacted areas (on-site and off-site) and at wells located downgradient from the HCS system between May 2016 and May 2020. Trend analysis from wells upgradient from the HCS system can provide insights regarding source maturity. Stable concentrations (i.e., no trend with low variability in concentrations over time) and decreasing trends indicate that the source is mature or depleted. Increasing trends at individual source area wells can indicate an expanding plume, but also can reflect the wide range of concentrations and temporal variability common at source areas.

Trend analysis downgradient from the HCS provides the best measure of hydraulic capture performance; decreasing trends and no trends verify that the HCS is working, whereas increasing trends would indicate a lack of capture.

Mann-Kendall trend tests were conducted at selected wells for constituents present at concentrations greater than applicable screening criteria, and coefficient of variation values were calculated. The methodology, preliminary results summary, figures, and trend graphs are included in **Appendix E**. Key findings of the Mann-Kendall trend test include the following:

- Upgradient from HCS (south): At monitoring wells in the southern impacted area, concentrations of TCE, total DCE, and VC (where present above applicable screening levels) are statistically

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significantly decreasing or show no trend. The exceptions are MW-02, where total DCE shows a statistically significant increasing trend, and MW-10, where VC shows a statistically significant increasing trend. These two wells are located upgradient from the HCS system along the core of the southern impacted area. Groundwater impacts associated with these two monitoring wells are captured by the HCS system.

- Upgradient from HCS (north): VC concentration trends at monitoring wells upgradient from the HCS in the northern impacted area are statistically significantly decreasing, except for MW-50 immediately adjacent to ESD-1 which shows a statistically significant increasing trend.
- Downgradient from the HCS (on site): Concentrations of VC at each monitoring well located downgradient from the HCS system exhibit no statistically significant trend, except for MW-41 and MW-52, which show statistically significant decreasing trends, and MW-69, which shows a statistically significant increasing trend.
 - o Monitoring well MW-69 has fluctuated between <1 and 5.0 µg/L since April 2017. Since February 2019, the quarterly results have been relatively stable with concentrations ranging from 3.5 to 5.0 µg/L. A trend graph for MW-69 is included in **Appendix E**.
- Downgradient from the HCS (off site): Concentrations of VC at monitoring wells MW-74, MW-75D, MW-79D, MW-80S, and MW-85 show statistically significant decreasing trends, while all other monitoring wells located off site show no trend.
 - o Review of the trend graph for MW-74 shows that the VC concentration was 2.8 µg/L in August 2018. Concentrations have decreased with the most recent sample collected in March and May 2020 at non-detect <1.0 µg/L.
 - o Review of the trend graph for MW-75D shows that the VC concentration was 6.4 µg/L in May 2017. Concentrations have continued to decrease with the most recent sample collected in May 2020 at 1.3 µg/L.
 - o Review of the trend graph for MW-79D shows that the VC concentration was 4.1 µg/L in July 2017. Concentrations have continued to decrease with the most recent sample collected in May 2020 at 1.8 µg/L.
 - o Review of the trend graph for MW-80S shows that the VC concentration was 7.6 µg/L in November 2017. Concentrations have continued to decrease with the most recent sample collected in May 2020 at 2.2 µg/L.
 - o Review of the trend graph for MW-85 shows that the VC concentration was 8.6 µg/L in May 2017. Concentrations have continued to decrease with the most recent sample collected in May 2020, which was 3.9 µg/L.

Except for a limited number of on-site upgradient monitoring well and constituent combinations that show statistically significant increasing trends (total DCE at MW-02; VC at MW-10, MW-50, and MW-69), the observations and measurements to date indicate that the groundwater impacts are stable and/or statistically significantly decreasing. Results of this evaluation provide a key line of evidence to indicate that the HCS system prevents further migration of groundwater impacts to the east of the HCS.

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3.5 Summary of Hydraulic Control System Compliance Actions

Compliance sampling for the HCS GLWA discharge permit was completed each month. Samples were collected after treatment and before groundwater discharge. Samples were analyzed within appropriate hold times for constituents required by the discharge permit. **Exhibit 4** below depicts the sampling parameters, methods, and discharge limits monitored for compliance with the GLWA discharge permit. Results of compliance samples have been within discharge limits since system startup. Self-monitoring reports are submitted to the GLWA every six months to document discharge compliance.

Exhibit 4: GLWA Discharge Limitations for HCS

Parameter	Analytical Method	Discharge Limit
Cadmium (Cd)	USEPA 200.7 – Metals	1.0 milligrams per liter (mg/L)
Chromium (Cr)	USEPA 200.7 – Metals	25 mg/L
Copper (Cu)	USEPA 200.7 – Metals	2.5 mg/L
Lead (Pb)	USEPA 200.7 – Metals	1.0 mg/L
Nickel (Ni)	USEPA 200.7 – Metals	5.0 mg/L
Mercury (Hg)	USEPA 245.1 - Mercury	Non-Detect
Silver (Ag)	USEPA 200.7	1.0 mg/L
Zinc (Zn)	USEPA 200.7	7.3 mg/L
Total Polychlorinated Biphenyls	USEPA 608.3	Non-Detect
Total Toxic Organic Compounds	USEPA 624.1 - VOCs USEPA 625.1 – Semi-Volatile Organic Compounds USEPA 625.1 Dioxin Screen USEPA 1613B – Dioxins and Furans	20 µg/L

During the GLWA review of the six month report for January through June 2020, it was observed that analysis for pesticides and polychlorinated biphenyls analysis with USEPA Method 608.3 was not completed during the February 2020 monthly sampling, resulting in a notice of violation from the GLWA. The analysis was mistakenly left off the chain of custody submitted with the samples. In order to prevent future reoccurrence, the following preventative measures have been implemented:

- All chain of custody forms will be reviewed by senior project management prior to shipping samples;
- Sample login sheets received from the lab will be reviewed within 24 hours of receipt to ensure consistency;
- Analytical table production and review will be completed within 3 days of analytical receipt to allow for any re-sampling, as necessary/required; and
- Laboratory reports and data tables will be reviewed by Ford personnel prior to the end of the month in order to allow for additional confirmation and re-sampling, as necessary/required.

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In addition, the GLWA discharge permit limits the discharge volume of the HCS to 100,800 gallons per day. Discharge volumes, documented daily and tabulated monthly, have been within discharge limits since system startup. Tabulated discharge volumes for the 2Q 2020 reporting period are presented in **Table 5**.

During the reporting period, monthly vapor samples were collected and analyzed for VOCs using the USEPA Method TO-15 for documenting compliance with the Rule 290 air permitting exemption of the Michigan Air Pollution Control Rules. All vapor emissions have been within discharge limits since system startup. Rule 290 emissions calculations are documented monthly and available upon request.

3.6 Interim Sub-Slab Depressurization System Operation and Performance Monitoring

The SSDS performance is continually evaluated and monitored. Vapor analytical samples are collected monthly to verify destruction efficiency of the catalytic oxidizer and document emissions compliance with the Rule 290 air permitting exemption of the Michigan Air Pollution Control Rules.

During the reporting period, monthly vapor samples were collected and analyzed for VOCs using USEPA Method TO-15. All vapor emissions have been within discharge limits since system startup. Rule 290 emissions calculations are documented monthly and available upon request.

The SSDS operated with minimal downtime during the reporting period. **Exhibit 5** below describes the approximate duration and date of each shutdown. Operational downtime was primarily related to a lower explosive limit (LEL) meter calibration issue and catalyst cleaning and inspection. A power outage also briefly shut off the SSDS system. The system operated with an uptime of 90.8 percent during 2Q 2020.

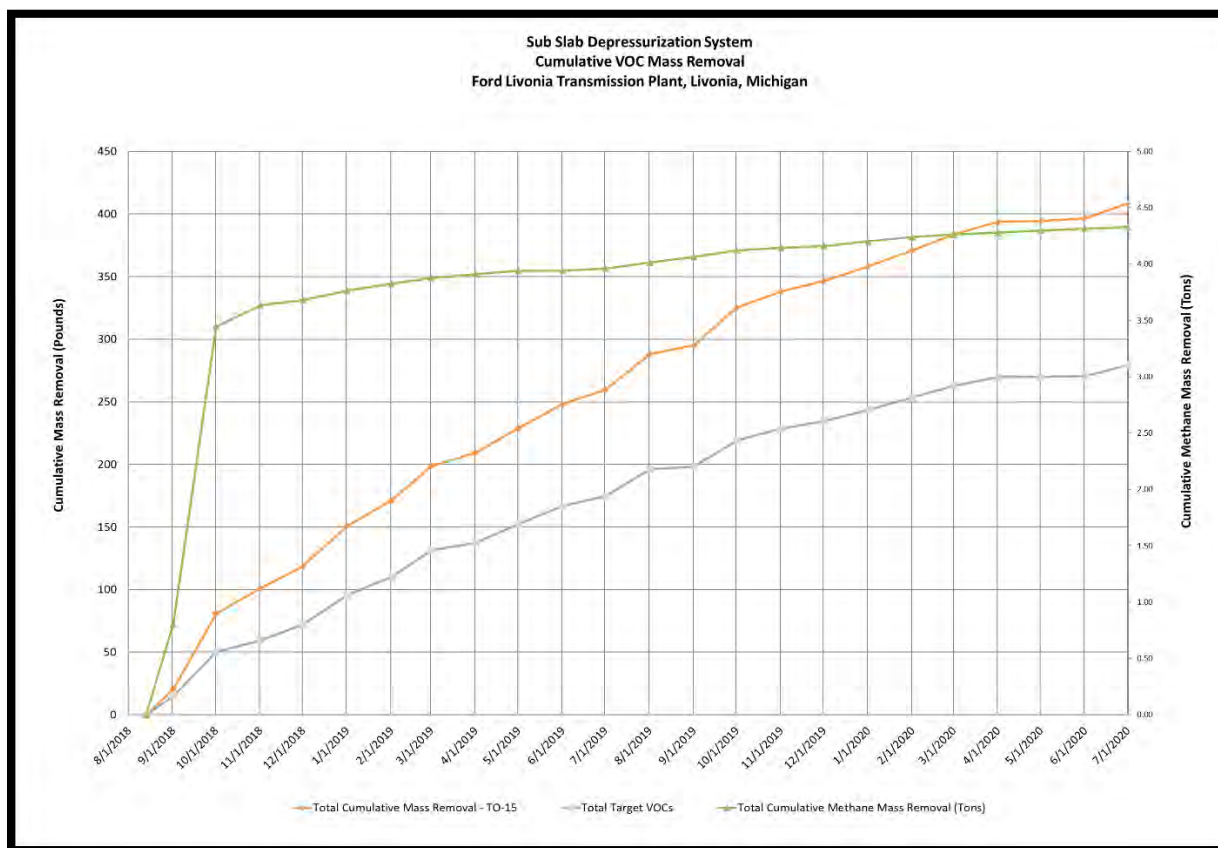
Exhibit 5: SSDS Shutdown Summary – 2Q 2020

Date of Shutdown	Duration of Shutdowns	Summary of Shutdown
June 10, 2020 through June 18, 2020	Less than 9 days	The system shut down on June 10, 2020 due to a high LEL alarm for the ambient atmosphere within the system building. Atmospheric conditions in the building were verified with separate instrumentation, and the LEL meter investigated and calibration was attempted. Immediate response was delayed due to site restrictions related to COVID-19. Field staff also inspected and cleaned the catalyst during this time period after internal equipment temperatures had cooled. Total shutdown time was approximately 188 hours.
June 19, 2020	Less than 24 hours	The system shut down due to a power failure. Field staff arrived onsite later the same day to restart the system. Total shutdown time was less than nine hours.
June 22, 2020	Less than 24 hours	The system shut down due to a high LEL alarm for the ambient atmosphere within the system building. The alarm was cleared, and the system was restarted the same day following meter re-calibration following discussion with the manufacturer. Total shutdown time was approximately five hours.

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Exhibit 6 below depicts the cumulative constituent-specific mass removal of VOCs from sub-slab soil vapor through the 2Q 2020 reporting period.

Exhibit 6: SSDS Mass Removal – 2Q 2020



4 ACCESS AGREEMENTS

In 2Q 2020, an access agreement was obtained from three properties which had been sold by the original owners (11898 Belden, 12070 Boston Post, and 12088 Brewster) west of the site. Ford continues to negotiate in good faith to obtain access to the remaining residential property for completion of response activities.

5 OTHER RELEVANT INFORMATION

5.1 Due Care Obligations

Response activities and plant activities are ongoing and maintaining the due care obligation. In addition, to identify potential methane breakthrough, Arcadis performed weekly ambient air monitoring throughout the plant, following the executive order for all non-essential workers to stay at home for approximately six

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weeks. The monitoring is biased toward locations where piping or conduits come through the slab and move above grade.

5.2 Public Outreach

Ford currently has an active website that allows the general public access to project updates: <http://www.fordlivoniabostonbeaconproject.com>. Additionally, during work implementation, Arcadis continues to communicate with EGLE and off-site property owners.

5.3 List of Reporting Documents

A list of all reporting documents submitted during the 2Q 2020 reporting period is included in **Exhibit 7** below.

Exhibit 7: Submitted Reporting Documents – 2Q 2020

Report Title	Submission Date
EGLE Update Letter	April 30, 2020
Residential Concern Memo	April 30, 2020
1Q 2020 Progress Report	April 30, 2020
EGLE Update Letter	May 31, 2020
Residential Concern Memo	May 31, 2020
EGLE Update Letter	June 30, 2020
Residential Concern Memo	June 30, 2020

6 WASTE MANAGEMENT

All investigation-derived waste, construction debris, or other waste is properly stored in labelled containers (e.g., 55-gallon drum, roll off) pending off-site disposal. All waste is managed by Ford and Clean Harbors. Clean Harbors is the Total Waste Manager for the site. All purge water generated during the groundwater sampling event is containerized in buckets and passed through the groundwater treatment system on site. In 2Q 2020, 80 water/soil drums, and one filter media drum were disposed of.

7 PROPOSED SCHEDULE

Installation of the mitigation systems and VI sampling appointments were temporarily suspended due to the COVID-19 Force Majeure. Activities resumed on Monday June 15, 2020. Future response activities are scheduled as follows:

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Exhibit 8: Response Activity Schedule

Response Activity	Proposed Schedule	Anticipated Completion
3Q 2020 On-site groundwater sampling	August 2020	August 2020
3Q 2020 Off-site groundwater sampling	August 2020	August 2020
HCS performance monitoring	Monthly	Ongoing
SSDS performance monitoring	Monthly	Ongoing
On-Site VI Investigation	July 2020	July 2020
Off-Site VI Investigation	July 2020	To Be Determined
Off-Site Mitigation Response	July 2020	To Be Determined

8 REFERENCES

- Arcadis. 2017a. Quality Assurance Project Plan for the Ford Livonia Transmission Plant – On-Site. August.
- Arcadis. 2017b. Quality Assurance Project Plan for the Ford Livonia Transmission Plant – Off-Site. August.
- Arcadis. 2017c. Conceptual Site Model. August 25.
- Arcadis. 2018a. Response Activity Plan - Vapor Intrusion Evaluation. April 13.
- Arcadis. 2018b. Response Activity Plan - Remedial Investigation. April 13.
- Arcadis. 2020. Response Activity Plan – Utility Corridor Evaluation. February 11.
- EGLE. 2020. Memo from P. Owens (EGLE) to T. Walton (Ford) re: Granting 30-day suspension of off-site VI sampling and mitigation work in residential homes and commercial business. March 23.
- Ford. 2020. Memo to B. Alger (EGLE) from T. Walton (Ford) titled: COVID-19 Force Majeure. March 17.
- MDEQ. 2018. Part 201 Groundwater: Residential and Nonresidential Part 201 Generic Cleanup Criteria and Screening Levels. Michigan Department of Environmental Quality, Michigan. June.
- USEPA. 2008. A Systematic Approach for Evaluation of Capture Zones at Pump and Treat Systems. U.S. Environmental Protection Agency, Washington, DC, EPA/600/R-08/003.

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TABLES



Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
LMW-15-01	673.98	7.0-12.0	11/16/15	8.42	11.36	12.00	665.56	2.94	662.62	664.97
			11/25/15	8.44	11.35	12.00	665.54	2.91	662.63	664.96
			11/30/15	8.38	11.36	12.00	665.60	2.98	662.62	665.01
			12/08/15	8.35	11.35	12.00	665.63	3.00	662.63	665.03
			11/06/17	Could Not Open						
			02/05/18							
			05/07/18	8.34	10.44	NM	665.64	2.10	663.54	665.22
			08/16/18	8.48	10.82	NM	665.50	2.34	663.16	665.03
			11/19/18	8.30	11.30	NM	665.68	3.00	662.68	665.08
			02/22/19	8.36	10.30	11.66	665.62	1.94	663.68	665.23
			06/14/19	8.21	9.42	11.70	665.77	1.21	664.56	665.53
			09/26/19	8.47	10.90	11.66	665.51	2.43	663.08	665.03
			11/04/19	8.43	10.80	NM	665.55	2.37	663.18	665.08
			02/05/20	8.25	9.63	NM	665.73	1.38	664.35	665.46
			05/18/20	8.28	10.12	NM	665.70	1.84	663.86	665.33
			11/16/15	7.70	10.10	12.00	666.20	2.40	663.80	665.72
			11/25/15	7.68	9.83	12.00	666.22	2.15	664.07	665.79
LMW-15-02	673.90	7.0-12.0	11/30/15	7.66	9.84	12.00	666.24	2.18	664.06	665.80
			12/09/15	7.60	9.76	12.00	666.30	2.16	664.14	665.86
			11/06/17	8.39	11.13	NM	665.51	2.74	662.77	664.96
			02/05/18	8.54	11.02	NM	665.36	2.48	662.88	664.86
			05/07/18	8.31	9.91	NM	665.59	1.60	663.99	665.27
			08/16/18	8.34	9.56	NM	665.56	1.22	664.34	665.31
			11/19/18	8.38	11.32	NM	665.52	2.94	662.58	664.93
			02/22/19	8.35	10.34	11.67	665.55	1.99	663.56	665.15
			06/14/19	8.18	9.01	11.70	665.72	0.83	664.89	665.55
			09/26/19	8.32	10.21	11.67	665.58	1.89	663.69	665.20
			11/04/19	8.33	10.50	NM	665.57	2.17	663.40	665.13
			02/05/20	8.22	9.46	NM	665.68	1.24	664.44	665.43
			05/18/20	8.20	9.29	NM	665.70	1.09	664.61	665.48
			11/16/15	6.01	7.46	12.00	664.17	1.45	662.72	663.88
			11/25/15	5.92	7.04	12.00	664.26	1.12	663.14	664.04
			11/30/15	5.81	6.94	12.00	664.37	1.13	663.24	664.14
LMW-15-03	670.18	7.0-12.0	12/11/15	5.83	7.26	12.00	664.35	1.43	662.92	664.06
			11/06/17	6.36	7.49	NM	663.82	1.13	662.69	663.59
			02/05/18	6.62	8.41	NM	663.56	1.79	661.77	663.20
			05/07/18	6.03	7.06	NM	664.15	1.03	663.12	663.94
			08/16/18	6.19	6.41	NM	663.99	0.22	663.77	663.95
			11/19/18	NM	NM	NM	NA	NA	NM	NM
			02/22/19	6.38	7.49	11.33	663.80	1.11	662.69	663.58
			06/14/19	5.80	6.85	11.73	664.38	1.05	663.33	664.17
			09/26/19	6.44	7.54	NM	663.74	1.10	662.64	663.52
			11/04/19	6.09	7.30	NM	664.09	1.21	662.88	663.85
			02/05/20	6.16	6.87	NM	664.02	0.71	663.31	663.88
			05/18/20	6.22	7.15	NM	663.96	0.93	663.03	663.77
			11/16/15	7.10	8.79	11.00	666.82	1.69	665.13	666.48
			11/25/15	7.10	8.79	11.00	666.82	1.69	665.13	666.48
			11/30/15	7.06	8.79	11.00	666.86	1.73	665.13	666.52
			12/09/15	7.00	8.86	11.00	666.92	1.86	665.06	666.55
			11/06/17	Could Not Open						
			02/05/18							
LMW-15-04	673.92	6.0-11.0	05/07/18	7.68	9.20	NM	666.24	1.52	664.72	665.94
			08/16/18	7.60	9.28	NM	666.32	1.68	664.64	665.99
			11/19/18	7.64	9.20	NM	666.28	1.56	664.72	665.97
			02/22/19	7.69	9.19	10.79	666.23	1.50	664.73	665.93
			06/14/19	7.44	8.97	11.22	666.48	1.53	664.95	666.18
			09/26/19	7.62	9.20	11.20	666.30	1.58	664.72	665.99
			11/04/19	Could Not Open						
			02/05/20	7.51	8.98	NM	666.41	1.47	664.94	666.12
			05/18/20	7.46	8.90	NM	666.46	1.44	665.02	666.17
			11/16/15	8.50	10.20	12.00	665.43	1.70	663.73	665.09
			11/25/15	8.50	9.99	12.00	665.43	1.49	663.94	665.14
			11/30/15	8.47	9.98	12.00	665.46	1.51	663.95	665.16
			12/08/15	8.42	9.92	12.00	665.51	1.50	664.01	665.21
			11/06/17	Could Not Locate						
			02/05/18							
			05/07/18							
			08/16/18	8.98	10.53	NM	664.95	1.55	663.40	664.64
LMW-15-05	673.93	7.0-12.0	11/19/18	8.91	10.38	NM	665.02	1.47	663.55	664.73
			02/22/19	8.99	10.49	11.85	664.94	1.50	663.44	664.64
			06/14/19	8.66	10.00	11.83	665.27	1.34	663.93	665.01
			09/26/19	8.96	10.51	NM	664.97	1.55	663.42	664.66
			11/04/19	8.95	10.38	NM	664.98	1.43	663.55	664.70
			02/05/20	Could Not Access, covered by storage racks						
			05/18/20	8.85	10.22	NM	665.08	1.37	663.71	664.81

See Notes on Last Page.

Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
LMW-15-06	673.93	7.0-12.0	11/16/15	6.92	8.82	12.00	667.01	1.90	665.11	666.63
			11/25/15	6.89	8.52	12.00	667.04	1.63	665.41	666.72
			11/30/15	6.74	8.39	12.00	667.19	1.65	665.54	666.86
			12/09/15	6.62	8.40	12.00	667.31	1.78	665.53	666.96
			11/06/17	Could Not Open						
			02/05/18							
			05/07/18	6.57	8.16	NM	667.36	1.59	665.77	667.05
			08/16/18	6.93	8.64	NM	667.00	1.71	665.29	666.66
			11/19/18	6.88	8.40	NM	667.05	1.52	665.53	666.75
			02/22/19	6.79	8.42	11.50	667.14	1.63	665.51	666.82
			06/14/19	6.35	8.10	11.53	667.58	1.75	665.83	667.23
			09/26/19	Could Not Open						
			11/04/19	6.70	8.16	NM	667.23	1.46	665.77	666.94
			02/05/20	6.23	7.64	NM	667.70	1.41	666.29	667.42
			05/18/20	6.30	7.83	NM	667.63	1.53	666.10	667.33
			11/16/15	NP	7.70	12.00	NA	NA	665.82	665.82
			11/25/15	NP	7.32	12.00	NA	NA	666.20	666.20
LMW-15-07	673.52	7.0-12.0	11/30/15	7.14	7.15	12.00	666.38	0.01	666.37	666.38
			12/11/15	7.08	7.09	12.00	666.44	0.01	666.43	666.44
			11/06/17	7.43	7.53	NM	666.09	0.10	665.99	666.07
			02/05/18	Could Not Locate						
			05/07/18							
			08/16/18	7.22	7.34	NM	666.30	0.12	666.18	666.28
			11/19/18	Could Not Locate						
			02/22/19							
			06/14/19	6.31	6.40	11.70	667.21	0.09	667.12	667.19
			09/26/19	7.30	7.35	NM	666.22	0.05	666.17	666.21
			11/04/19	6.52	6.64	NM	667.00	0.12	666.88	666.98
			02/05/20	6.02	6.10	NM	667.50	0.08	667.42	667.48
			05/18/20	5.98	6.02	NM	667.54	0.04	667.50	667.53
			11/16/15	NP	6.30	12.50	NA	NA	667.58	667.58
			11/25/15	6.25	6.26	12.50	667.63	0.01	667.62	667.63
			11/30/15	6.12	6.13	12.50	667.76	0.01	667.75	667.76
			12/11/15	6.09	6.10	12.50	667.79	0.01	667.78	667.79
LMW-15-08	673.88	7.5-12.5	11/06/17	Could Not Open						
			02/05/18							
			05/07/18	5.72	7.35	NM	668.16	1.63	666.53	667.84
			08/16/18	6.04	7.72	NM	667.84	1.68	666.16	667.51
			11/19/18	5.83	7.59	NM	668.05	1.76	666.29	667.70
			02/22/19	5.92	7.59	12.34	667.96	1.67	666.29	667.63
			06/14/19	Could Not Locate						
			09/26/19	6.10	7.74	NM	667.78	1.64	666.14	667.45
			11/04/19	5.80	7.41	NM	668.08	1.61	666.47	667.76
			02/05/20	5.44	7.03	NM	668.44	1.59	666.85	668.12
			05/18/20	5.47	7.05	NM	668.41	1.58	666.83	668.10
			11/16/15	7.82	10.62	12.00	666.11	2.80	663.31	665.55
			11/25/15	7.76	10.51	12.00	666.17	2.75	663.42	665.62
			11/30/15	7.72	10.32	12.00	666.21	2.60	663.61	665.69
			12/10/15	7.73	10.38	12.00	666.20	2.65	663.55	665.67
			11/06/17	8.29	NA	11.75	665.64	3.71	NM	NM**
			02/05/18	8.58	10.50	NM	665.35	1.92	663.43	664.96
LMW-15-09	673.93	7.0-12.0	05/07/18	7.95	9.39	NM	665.98	1.44	664.54	665.69
			08/16/18	8.12	10.45	NM	665.81	2.33	663.48	665.34
			11/19/18	8.04	10.01	NM	665.89	1.97	663.92	665.49
			02/22/19	8.09	10.40	11.70	665.84	2.31	663.53	665.38
			06/14/19	Could Not Open						
			09/26/19							
			11/04/19							
			02/05/20	7.98	8.46	NM	665.95	0.48	665.47	665.85
			05/18/20	7.82	9.51	NM	666.11	1.69	664.42	665.77
			11/16/15	8.40	9.26	12.00	665.49	0.86	664.63	665.32
			11/25/15	8.32	9.13	12.00	665.57	0.81	664.76	665.41
			11/30/15	8.24	8.96	12.00	665.65	0.72	664.93	665.51
			12/10/15	8.18	8.79	12.00	665.71	0.61	665.10	665.59
			11/06/17	8.69	9.50	NM	665.20	0.81	664.39	665.04
			02/05/18	8.50	8.58	NM	665.39	0.08	665.31	665.38
			05/07/18	8.15	8.28	NM	665.74	0.13	665.61	665.72
			08/16/18	8.47	9.16	NM	665.42	0.69	664.73	665.29
LMW-15-10	673.89	7.0-12.0	11/19/18	Could Not Locate						
			02/22/19	8.34	8.65	11.50	665.55	0.31	665.24	665.49
			06/14/19	Could Not Locate						
			09/26/19							
			11/04/19							
			02/05/20							
			05/18/20							

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Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
LMW-20-11	NS	5.0-15.0	05/18/20	NP	5.21	14.49	NA	NA	NS	NS
LMW-20-12	NS	7.0-17.0	05/18/20	NP	7.88	16.45	NA	NA	NS	NS
LMW-20-13	NS	6.0-16.0	05/18/20	NP	7.42	14.25	NA	NA	NS	NS
LMW-20-14	NS	6.0-16.0	05/18/20	NP	6.52	14.97	NA	NA	NS	NS
LMW-20-15	NS	7.5-17.5	05/18/20	NP	6.05	15.00	NA	NA	NS	NS
LMW-20-16	NS	7.5-17.5	05/18/20	NP	8.82	16.33	NA	NA	NS	NS
LMW-20-17	NS	7.0-17.0	05/18/20	7.32	7.72	NM	NS	NA	NS	NS
LMW-20-18	NS	6.5-16.5	05/18/20	NP	6.95	15.82	NA	NA	NS	NS
LMW-20-19	NS	6.0-16.0	05/18/20	7.16	6.71	NM	NS	NA	NS	NS
LMW-20-20	NS	4.0-14.0	05/18/20	NP	5.78	13.25	NA	NA	NS	NS
LMW-20-21	NS	7.0-17.0	05/18/20	NP	9.24	16.20	NA	NA	NS	NS
LMW-20-22	NS	6.5-16.5	05/18/20	NP	6.91	15.78	NA	NA	NS	NS
LMW-20-23	NS	5.0-15.0	05/18/20	NP	6.20	13.92	NA	NA	NS	NS
MW-15-59D	675.17	94.0-99.0	01/07/16	NP	21.83	99.00	NA	NA	653.34	653.34
			01/19/16	NP	21.91	99.00	NA	NA	653.26	653.26
			04/19/17	NP	21.37	99.37	NA	NA	653.80	653.80
			07/24/17	NP	28.71	100.80	NA	NA	646.46	646.46
			11/06/17	NP	24.48	100.65	NA	NA	650.69	650.69
			02/05/18	NP	21.44	100.01	NA	NA	653.73	653.73
			05/07/18	NP	23.48	NM	NA	NA	651.69	651.69
			08/16/18	NP	30.45	NM	NA	NA	644.72	644.72
			11/19/18	NP	22.90	NM	NA	NA	652.27	652.27
			02/22/19	NP	21.29	100.02	NA	NA	653.88	653.88
			06/14/19	NM	NM	NM	NA	NA	NM	NM
			09/26/19	NP	28.84	100.25	NA	NA	646.33	646.33
			11/04/19	NP	24.33	100.40	NA	NA	650.84	650.84
			02/05/20	NP	21.06	NM	NA	NA	654.11	654.11
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
MW-15-60D	675.75	93.0-98.0	01/07/16	NP	19.47	100.00	NA	NA	656.28	656.28
			01/19/16	NP	19.71	100.00	NA	NA	656.04	656.04
			04/19/17	NP	18.65	99.50	NA	NA	657.10	657.10
			07/24/17	NP	24.09	99.92	NA	NA	651.66	651.66
			11/06/17	NP	20.63	99.92	NA	NA	655.12	655.12
			02/05/18	NP	19.61	99.42	NA	NA	656.14	656.14
			05/07/18	NP	19.31	NM	NA	NA	656.44	656.44
			08/16/18	NP	23.85	NM	NA	NA	651.90	651.90
			11/19/18	NP	19.97	NM	NA	NA	655.78	655.78
			02/22/19	NP	19.41	99.46	NA	NA	656.34	656.34
			06/14/19	NP	19.53	99.11	NA	NA	656.22	656.22
			09/26/19	NP	23.12	99.90	NA	NA	652.63	652.63
			11/04/19	NP	20.49	99.89	NA	NA	655.26	655.26
			02/05/20	NP	19.20	NM	NA	NA	656.55	656.55
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			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
MW-15-61D	670.03	88.0-93.0	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	24.70	94.59	NA	NA	645.33	645.33
			11/04/19	Could Not Access, high traffic roadway						
			02/05/20							
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾

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Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-1	670.77	14.0-19.0	04/17/17	NP	3.82	18.61	NA	NA	666.95	666.95
			07/24/17	NP	3.57	18.44	NA	NA	667.20	667.20
			11/06/17	NP	3.93	18.78	NA	NA	666.84	666.84
			02/05/18	NP	NM ⁽²⁾	NM ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NM ⁽²⁾	NM ⁽²⁾
			05/07/18	NP	3.88	18.60	NA	NA	666.89	666.89
			08/16/18	NP	3.73	NM	NA	NA	667.04	667.04
			11/19/18	NP	3.30	NM	NA	NA	667.47	667.47
			03/01/19	NP	4.77	18.53	NA	NA	666.00	666.00
			06/14/19	NP	3.17	18.64	NA	NA	667.60	667.60
			09/26/19	NP	3.65	18.65	NA	NA	667.12	667.12
			11/04/19	NP	NM ⁽²⁾	NM ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NM ⁽²⁾	NM ⁽²⁾
			02/05/20	NP	3.38	NM	NA	NA	667.39	667.39
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
MW-2	673.80	15.5-20.5	05/12/16	NP	6.35	19.52	NA	NA	667.45	667.45
			04/17/17	NP	6.91	19.45	NA	NA	666.89	666.89
			07/24/17	NP	6.99	19.44	NA	NA	666.81	666.81
			11/06/17	NP	7.24	19.50	NA	NA	666.56	666.56
			02/05/18	NP	7.42	19.55	NA	NA	666.38	666.38
			05/07/18	NP	6.92	19.47	NA	NA	666.88	666.88
			08/16/18	NP	7.03	NM	NA	NA	666.77	666.77
			11/19/18	NP	6.56	NM	NA	NA	667.24	667.24
			03/01/19	NP	6.90	19.42	NA	NA	666.90	666.90
			06/14/19	NP	6.69	19.50	NA	NA	667.11	667.11
			09/26/19	NP	6.98	19.43	NA	NA	666.82	666.82
			11/04/19	NP	6.88	19.48	NA	NA	666.92	666.92
			02/05/20	NP	6.78	NM	NA	NA	667.02	667.02
			05/18/20	NP	6.75	19.47	NA	NA	667.05	667.05
			05/12/16	NP	5.82	18.79	NA	NA	667.79	667.79
MW-3	673.61	14.0-19.0	04/17/17	NP	7.09	18.72	NA	NA	666.52	666.52
			07/24/17	NP	7.29	18.43	NA	NA	666.32	666.32
			11/06/17	NP	7.61	18.80	NA	NA	666.00	666.00
			02/05/18	NP	7.70	18.87	NA	NA	665.91	665.91
			05/07/18	NP	7.23	18.74	NA	NA	666.38	666.38
			08/16/18	NP	7.48	NM	NA	NA	666.13	666.13
			11/19/18	NP	7.34	NM	NA	NA	666.27	666.27
			02/22/19	7.25	7.27	18.78	666.36	0.02	666.34	666.36
			06/14/19	NP	7.10	18.64	NA	NA	666.51	666.51
			09/26/19	NP	7.36	18.65	NA	NA	666.25	666.25
			11/04/19	NP	7.25	18.63	NA	NA	666.36	666.36
			02/05/20	NP	7.04	NM	NA	NA	666.57	666.57
			05/18/20	NP	6.91	18.64	NA	NA	666.70	666.70
			05/13/16	NP	7.15	20.20	NA	NA	666.70	666.70
			04/17/17	NP	7.57	20.09	NA	NA	666.28	666.28
MW-4	673.85	15.5-20.5	07/24/17	NP	7.61	19.93	NA	NA	666.24	666.24
			11/06/17	NP	7.94	20.05	NA	NA	665.91	665.91
			02/05/18	NP	8.50	20.16	NA	NA	665.35	665.35
			05/07/18	NP	7.60	20.12	NA	NA	666.25	666.25
			08/16/18	NP	7.73	NM	NA	NA	666.12	666.12
			11/19/18	NP	7.59	NM	NA	NA	666.26	666.26
			02/22/19	7.64	7.67	19.93	666.21	0.03	666.18	666.20
			06/14/19	NP	7.39	20.15	NA	NA	666.46	666.46
			09/26/19	NP	7.63	20.12	NA	NA	666.22	666.22
			11/04/19	NP	7.69	20.13	NA	NA	666.16	666.16
			02/05/20	7.48	7.51	NM	666.37	0.03	666.34	666.36
			05/18/20	NP	7.48	20.10	NA	NA	666.37	666.37
			05/13/16	NP	6.49	21.73	NA	NA	667.91	667.91
			07/24/17	NP	NM	NM	NA	NA	NM	NM
			11/06/17	NP	7.51	19.71	NA	NA	666.89	666.89
MW-5*	674.40	15.5-20.5	02/05/18	NP	7.70	19.54	NA	NA	666.70	666.70
			05/07/18	NP	7.26	19.63	NA	NA	667.14	667.14
			08/16/18	NP	7.36	NM	NA	NA	667.04	667.04
			11/19/18	NP	7.20	NM	NA	NA	667.20	667.20
			02/22/19	7.22	7.23	19.63	667.18	0.01	667.17	667.18
			06/14/19	NP	7.00	19.68	NA	NA	667.40	667.40
			09/27/19	NP	7.28	19.66	NA	NA	667.12	667.12
			11/04/19	Access to clean room not granted.						
			02/05/20							
			05/18/20	NP	7.05	19.67	NA	NA	667.35	667.35

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Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-7	670.89	18.0-23.0	07/24/17	NP	4.79	22.39	NA	NA	666.10	666.10
			11/06/17	NP	5.24	22.56	NA	NA	665.65	665.65
			02/06/18	NP	4.48	22.50	NA	NA	666.41	666.41
			05/07/18	NP	4.54	22.35	NA	NA	666.35	666.35
			08/16/18	NP	4.81	NM	NA	NA	666.08	666.08
			11/19/18	NP	4.59	NM	NA	NA	666.30	666.30
			02/22/19	NP	4.65	22.55	NA	NA	666.24	666.24
			06/14/19	NP	4.25	22.40	NA	NA	666.64	666.64
			09/26/19	NP	4.88	22.39	NA	NA	666.01	666.01
			11/04/19	NA	4.82	22.35	NA	NA	666.07	666.07
			02/05/20	NP	4.32	NM	NA	NA	666.57	666.57
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			05/09/16	NP	5.82	24.34	NA	NA	665.36	665.36
MW-9	671.18	19.5-24.5	04/17/17	NP	6.79	24.34	NA	NA	664.39	664.39
			07/24/17	NP	5.88	24.29	NA	NA	665.30	665.30
			11/06/17	NP	6.38	24.53	NA	NA	664.80	664.80
			02/05/18	NP	6.40	24.35	NA	NA	664.78	664.78
			05/07/18	NP	5.65	24.20	NA	NA	665.53	665.53
			08/16/18	NP	5.94	NM	NA	NA	665.24	665.24
			11/19/18	NP	5.66	NM	NA	NA	665.52	665.52
			02/22/19	NP	5.74	24.35	NA	NA	665.44	665.44
			06/14/19	NP	5.42	24.25	NA	NA	665.76	665.76
			09/26/19	NP	5.98	24.24	NA	NA	665.2	665.20
			11/04/19	NP	5.96	24.26	NA	NA	665.22	665.22
			02/05/20	NP	5.50	NM	NA	NA	665.68	665.68
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			05/13/16	NP	8.16	20.81	NA	NA	665.62	665.62
			04/17/17	NP	8.15	20.81	NA	NA	665.63	665.63
MW-10	673.78	16.5-21.5	07/24/17	NP	8.58	20.76	NA	NA	665.20	665.20
			11/06/17	NP	6.00	20.84	NA	NA	667.78	667.78
			02/05/18	NP	9.01	15.89	NA	NA	664.77	664.77
			05/07/18	NP	8.68	20.24	NA	NA	665.10	665.10
			08/16/18	NP	8.68	NM	NA	NA	665.10	665.10
			11/19/18	NP	8.49	NM	NA	NA	665.29	665.29
			02/22/19	NP	8.56	10.77	NA	NA	665.22	665.22
			06/14/19	NP	8.30	20.78	NA	NA	665.48	665.48
			09/26/19	NP	8.63	20.75	NA	NA	665.15	665.15
			11/04/19	NP	8.63	20.75	NA	NA	665.15	665.15
			02/05/20	NP	8.38	NM	NA	NA	665.40	665.40
			05/18/20	NP	8.45	20.76	NA	NA	665.33	665.33
MW-14	671.24	15.0-20.0	07/24/17	NP	6.63	19.53	NA	NA	664.61	664.61
			11/06/17	NP	7.01	19.61	NA	NA	664.23	664.23
			02/05/18	NP	7.29	19.80	NA	NA	663.95	663.95
			05/07/18	NP	6.14	19.65	NA	NA	665.10	665.10
			08/16/18	NP	6.52	NM	NA	NA	664.72	664.72
			11/19/18	NP	6.19	NM	NA	NA	665.05	665.05
			02/26/19	NP	6.21	19.49	NA	NA	665.03	665.03
			06/14/19	NP	6.91	19.41	NA	NA	664.33	664.33
			09/26/19	NP	6.56	19.29	NA	NA	664.68	664.68
			11/04/19	NP	5.46	19.26	NA	NA	665.78	665.78
			02/05/20	NP	6.00	NM	NA	NA	665.24	665.24
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
MW-18	670.41	13.0-18.0	05/09/16	NP	6.29	17.89	NA	NA	664.12	664.12
			04/17/17	NP	6.67	17.90	NA	NA	663.74	663.74
			07/24/17	NP	6.92	17.70	NA	NA	663.49	663.49
			11/06/17	NP	7.31	17.80	NA	NA	663.10	663.10
			02/06/18	NP	7.45	17.85	NA	NA	662.96	662.96
			05/04/18	NP	6.53	18.01	NA	NA	663.88	663.88
			08/16/18	NP	6.82	NM	NA	NA	663.59	663.59
			11/19/18	NP	6.45	17.92	NA	NA	663.96	663.96
			02/22/19	NP	6.76	18.01	NA	NA	663.65	663.65
			06/14/19	NP	6.14	17.82	NA	NA	664.27	664.27
			09/26/19	NP	6.83	17.84	NA	NA	663.58	663.58
			11/04/19	NP	6.69	17.83	NA	NA	663.72	663.72
			02/05/20	NP	6.33	NM	NA	NA	664.08	664.08
			05/18/20	NP	6.40	17.83	NA	NA	664.01	664.01

See Notes on Last Page.

Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)			
MW-19	669.65	15.0-20.0	05/13/16	NM	NM	NM	NM	NM	NM	NM			
			04/17/17	NM	NM	NM	NM	NM	NM	NM			
			07/24/17	NM	NM	NM	NM	NM	NM	NM			
			11/06/17	NP	5.91	19.85	NA	NA	663.74	663.74			
			02/05/18	NP	6.23	19.84	NA	NA	663.42	663.42			
			05/07/18	NP	5.51	19.98	NA	NA	664.14	664.14			
			08/16/18	NP	5.67	NM	NA	NA	663.98	663.98			
			11/19/18	NP	NM	NM	NA	NA	NM	NM			
			02/22/19	NP	6.47	19.49	NA	NA	663.18	663.18			
			06/14/19	NP	5.31	19.97	NA	NA	664.34	664.34			
			09/26/19	NP	5.94	19.99	NA	NA	663.71	663.71			
			11/04/19	NP	5.72	19.82	NA	NA	663.93	663.93			
			02/05/20	NM	NM	NM	NA	NA	NA	NA			
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾			
MW-20	669.33	13.5-18.5	07/24/17	NP	6.29	16.98	NA	NA	663.04	663.04			
			11/06/17	NP	6.52	16.84	NA	NA	662.81	662.81			
			02/05/18	NP	6.68	16.62	NA	NA	662.65	662.65			
			05/11/18	NP	5.95	16.48	NA	NA	663.38	663.38			
			08/16/18	NP	5.70	NM	NA	NA	663.63	663.63			
			11/19/18	NP	5.49	16.00	NA	NA	663.84	663.84			
			02/22/19	NP	5.97	15.81	NA	NA	663.36	663.36			
			06/14/19	NP	4.95	15.42	NA	NA	664.38	664.38			
			09/26/19	NP	4.67	15.24	NA	NA	664.66	664.66			
			11/04/19	NP	5.65	14.98	NA	NA	663.68	663.68			
			02/05/20	NP	5.46	NM	NA	NA	663.87	663.87			
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾			
			MW-21	670.76	13.5-18.5	05/13/16	Could Not Open						
						04/17/17							
07/24/17													
11/06/17													
02/06/18	NP	7.95				17.74	NA	NA	662.81	662.81			
05/07/18	NP	7.15		17.60		NA	NA	663.61	663.61				
08/16/18	NP	6.65		NM		NA	NA	664.11	664.11				
11/19/18	NP	6.85		17.71		NA	NA	663.91	663.91				
02/22/19	NP	7.40		17.60		NA	NA	663.36	663.36				
06/14/19	NP	6.57		18.60		NA	NA	664.19	664.19				
09/26/19	NP	6.94		17.64		NA	NA	663.82	663.82				
669.72	11/04/19	NP		6.81		17.65	NA	NA	662.91	662.91			
	02/05/20	NP		7.20		NM	NA	NA	662.52	662.52			
	05/18/20	7.06		7.07		17.67	662.66	0.01	662.65	662.66			
	MW-22	670.18	16.5-21.5	05/10/16	NP	6.18	20.83	NA	NA	664.00	664.00		
				04/17/17	NP	7.13	21.41	NA	NA	663.05	663.05		
07/24/17				NP	7.53	20.42	NA	NA	662.65	662.65			
11/06/17				NP	7.51	20.51	NA	NA	662.67	662.67			
02/05/18				NP	7.61	20.48	NA	NA	662.57	662.57			
05/07/18				NP	6.66	20.50	NA	NA	663.52	663.52			
08/16/18				NP	6.71	NM	NA	NA	663.47	663.47			
11/19/18				NP	7.14	NM	NA	NA	663.04	663.04			
02/22/19				NP	7.54	20.45	NA	NA	662.64	662.64			
06/14/19				NP	6.53	20.48	NA	NA	663.65	663.65			
670.20		09/26/19		NP	7.48	20.47	NA	NA	662.70	662.70			
		11/04/19		NP	7.43	20.46	NA	NA	662.77	662.77			
		02/05/20		NP	7.43	NM	NA	NA	662.77	662.77			
		05/18/20		NP	7.49	20.50	NA	NA	662.71	662.71			
MW-23	669.24	15.0-20.0	05/09/16	NP	6.23	19.82	NA	NA	663.01	663.01			
			04/17/17	NP	6.67	19.79	NA	NA	662.57	662.57			
			07/24/17	NP	6.69	19.72	NA	NA	662.55	662.55			
			11/06/17	NP	6.60	19.72	NA	NA	662.64	662.64			
			02/06/18	NP	6.93	NM	NA	NA	662.31	662.31			
			05/07/18	NP	5.67	19.70	NA	NA	663.57	663.57			
			08/16/18	NP	5.80	NM	NA	NA	663.44	663.44			
			11/19/18	NP	5.75	NM	NA	NA	663.49	663.49			
			02/22/19	Could Not Access, covered by ice/snow									
			06/14/19	NP	5.33	19.46	NA	NA	663.91	663.91			
			09/26/19	NP	6.34	19.48	NA	NA	662.90	662.90			
			11/04/19	NP	6.22	19.69	NA	NA	663.02	663.02			
			02/05/20	NP	5.93	NM	NA	NA	663.31	663.31			
			05/18/20	NP	6.35	19.70	NA	NA	662.89	662.89			

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Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-24	675.48	19.0-24.0	04/17/17	NP	9.32	23.85	NA	NA	666.16	666.16
			07/24/17	NP	10.01	23.90	NA	NA	665.47	665.47
			11/06/17	NP	10.40	23.76	NA	NA	665.08	665.08
			02/05/18	NP	10.37	23.99	NA	NA	665.11	665.11
			05/07/18	NP	9.38	23.70	NA	NA	666.10	666.10
			08/16/18	NP	10.01	NM	NA	NA	665.47	665.47
			11/19/18	NP	9.56	NM	NA	NA	665.92	665.92
			02/22/19	NP	9.55	23.95	NA	NA	665.93	665.93
			06/14/19	NP	9.21	23.73	NA	NA	666.27	666.27
			09/26/19	NP	10.09	23.87	NA	NA	665.39	665.39
			11/04/19	NP	9.95	23.71	NA	NA	665.53	665.53
			02/05/20	NP	9.21	NM	NA	NA	666.27	666.27
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
MW-25	675.04	16.0-21.0	04/17/17	NP	5.35	20.54	NA	NA	669.69	669.69
			07/24/17	NP	6.34	20.52	NA	NA	668.70	668.70
			11/06/17	NP	6.51	20.38	NA	NA	668.53	668.53
			02/05/18	NP	6.55	20.52	NA	NA	668.49	668.49
			05/07/18	NP	4.98	20.25	NA	NA	670.06	670.06
			08/16/18	NP	6.19	NM	NA	NA	668.85	668.85
			11/19/18	NP	5.77	NM	NA	NA	669.27	669.27
			02/22/19	NP	5.51	20.48	NA	NA	669.53	669.53
			06/14/19	NP	4.89	20.52	NA	NA	670.15	670.15
			09/26/19	NP	6.05	20.50	NA	NA	668.99	668.99
			11/04/19	NP	5.15	20.50	NA	NA	669.89	669.89
			02/05/20	NP	5.22	NM	NA	NA	669.82	669.82
			05/18/20	NP	4.65	20.51	NA	NA	670.39	670.39
MW-26	673.39	4.5-14.5	07/24/17	NP	5.96	14.09	NA	NA	667.43	667.43
			11/06/17	NP	6.09	14.10	NA	NA	667.30	667.30
			02/05/18	NP	6.08	14.05	NA	NA	667.31	667.31
			05/07/18	NP	5.24	13.90	NA	NA	668.15	668.15
			08/16/18	NP	5.98	NM	NA	NA	667.41	667.41
			11/19/18	NP	5.52	NM	NA	NA	667.87	667.87
			02/28/19	NP	4.55	14.50	NA	NA	668.84	668.84
			06/14/19	NP	5.01	14.05	NA	NA	668.38	668.38
			09/26/19	NP	6.11	14.04	NA	NA	667.28	667.28
			11/04/19	NP	5.30	14.05	NA	NA	668.09	668.09
			02/05/20	NP	4.85	NM	NA	NA	668.54	668.54
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			MW-27*			Well Inaccessible				
MW-28	668.15	2.0-12.0	05/09/16	NP	3.21	11.81	NA	NA	664.94	664.94
			04/17/17	NP	3.78	11.69	NA	NA	664.37	664.37
			07/24/17	NP	4.61	11.73	NA	NA	663.54	663.54
			11/06/17	NP	4.81	11.68	NA	NA	663.34	663.34
			02/05/18	NP	4.63	11.65	NA	NA	663.52	663.52
			05/07/18	NP	3.67	11.67	NA	NA	664.48	664.48
			08/16/18	NP	4.64	NM	NA	NA	663.51	663.51
			11/19/18	NP	4.11	NM	NA	NA	664.04	664.04
			02/22/19	NP	3.98	11.64	NA	NA	664.17	664.17
			06/14/19	NP	3.50	11.65	NA	NA	664.65	664.65
			09/26/19	NP	4.67	11.65	NA	NA	663.48	663.48
			11/04/19	NP	4.01	11.68	NA	NA	664.14	664.14
			02/05/20	NP	3.27	NM	NA	NA	664.88	664.88
MW-29	669.45	5.0-15.0	05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			05/13/16	NP	4.10	14.85	NA	NA	665.35	665.35
			04/17/17	NP	4.53	14.84	NA	NA	664.92	664.92
			07/24/17	NP	5.41	14.90	NA	NA	664.04	664.04
			11/06/17	NP	6.65	15.81	NA	NA	662.80	662.80
			02/05/18	NP	5.52	14.84	NA	NA	663.93	663.93
			05/07/18	NP	4.64	14.80	NA	NA	664.81	664.81
			08/16/18	NP	5.44	NM	NA	NA	664.01	664.01
			11/19/18	NP	5.10	NM	NA	NA	664.35	664.35
			02/22/19	NP	5.09	14.87	NA	NA	664.36	664.36
			06/14/19	NM	NM	NM	NA	NA	NM	NM
			09/26/19	NP	5.50	14.90	NA	NA	663.95	663.95
			11/04/19	NP	5.22	19.75 ⁽³⁾	NA	NA	664.23	664.23
			02/05/20	NP	4.65	NM	NA	NA	664.80	664.80
			05/18/20	NP	4.70	14.87	NA	NA	664.75	664.75

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Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
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	8.50	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
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	10.70	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	9.50	NM	NA	NA	661.32	661.32
			05/18/20	NP	9.61	21.68	NA	NA	661.21	661.21
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	8.00	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-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	6.90	18.69	NA	NA	663.04	663.04
			09/26/19	NP	8.00	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
			05/18/20	NP	7.92	18.67	NA	NA	662.02	662.02
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 ⁽³⁾	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

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Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	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	8.30	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	8.60	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
MW-36	676.39	20.0-25.0	07/24/17	NP	9.49	24.75	NA	NA	666.90	666.90
			11/06/17	NP	10.98	24.88	NA	NA	665.41	665.41
			02/05/18	NP	10.15	24.91	NA	NA	666.24	666.24
			05/07/18	NP	9.28	24.72	NA	NA	667.11	667.11
			08/16/18	NP	9.55	NM	NA	NA	666.84	666.84
			11/19/18	NP	9.34	NM	NA	NA	667.05	667.05
			02/22/19	NP	9.42	24.89	NA	NA	666.97	666.97
			06/14/19	NP	8.90	24.80	NA	NA	667.49	667.49
			09/26/19	NP	9.65	24.82	NA	NA	666.74	666.74
			11/04/19	NP	9.63	24.83	NA	NA	666.76	666.76
			02/05/20	NP	9.05	NM	NA	NA	667.34	667.34
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			07/24/17	NP	8.14	24.75	NA	NA	663.10	663.10
			11/06/17	NP	8.26	23.18	NA	NA	662.98	662.98
MW-37	671.24	18.0-23.0	02/05/18	NP	8.33	22.80	NA	NA	662.91	662.91
			05/07/18	NP	7.01	22.76	NA	NA	664.23	664.23
			08/16/18	NP	7.49	NM	NA	NA	663.75	663.75
			11/19/18	NP	7.13	NM	NA	NA	664.11	664.11
			02/22/19	NP	7.54	22.92	NA	NA	663.70	663.70
			06/14/19	NP	6.67	22.67	NA	NA	664.57	664.57
			09/26/19	NP	7.79	22.68	NA	NA	663.45	663.45
			11/04/19	NP	7.62	22.69	NA	NA	663.62	663.62
			02/05/20	NP	7.14	NM	NA	NA	664.10	664.10
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			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
MW-38	671.79	15.0-20.0	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	7.40	NM	NA	NA	664.39	664.39
			02/22/19	NP	8.00	19.59	NA	NA	663.79	663.79
			06/14/19	NP	6.90	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 ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽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
MW-39	672.19	19.5-24.5	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	9.60	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

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Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	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	10.10	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	8.40	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
MW-41	670.34	16.0-21.0	05/09/16	NP	8.20	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	7.80	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
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	9.10	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
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	6.80	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
MW-44	671.48	16.0-21.0	05/09/16	NP	6.59	17.42	NA	NA	664.89	664.89
			04/19/17	NP	7.48	19.95	NA	NA	664.00	664.00
			07/24/17	NP	8.38	20.93	NA	NA	663.10	663.10
			11/06/17	NP	8.55	20.74	NA	NA	662.93	662.93
			02/05/18	NP	8.51	20.90	NA	NA	662.97	662.97
			05/07/18	NP	7.40	20.75	NA	NA	664.08	664.08
			08/16/18	NP	8.01	NM	NA	NA	663.47	663.47
			11/19/18	NP	7.90	NM	NA	NA	663.58	663.58
			02/22/19	NP	8.20	20.72	NA	NA	663.28	663.28
			06/14/19	NP	7.38	20.73	NA	NA	664.10	664.10
			09/26/19	NP	8.44	20.75	NA	NA	663.04	663.04
			11/04/19	NP	8.16	20.72	NA	NA	663.32	663.32
			02/05/20	NP	8.01	NM	NA	NA	663.47	663.47
			05/18/20	NP	8.06	20.93	NA	NA	663.42	663.42

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Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
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	10.30	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	9.60	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
			05/09/16	NP	8.42	20.45	NA	NA	662.42	662.42
MW-46	670.84	16.0-21.0	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	10.20	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	10.20	NM	NA	NA	660.64	660.64
			05/18/20	NP	10.60	19.65	NA	NA	660.24	660.24
			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
MW-47	671.33	16.0-21.0	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	10.50	19.92	NA	NA	660.83	660.83
			06/14/19	NM	NM	NM	NA	NA	NM	NM
			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
			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	9.70	20.42	NA	NA	661.28	661.28
			11/06/17	NP	9.33	20.34	NA	NA	661.65	661.65
MW-48	670.98	17.0-22.0	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	9.80	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
			05/12/16	NP	6.57	17.31	NA	NA	662.50	662.50
			04/19/17	NP	7.03	17.31	NA	NA	662.04	662.04
			07/24/17	NP	6.94	17.37	NA	NA	662.13	662.13
			11/06/17	NM	NM	NM	NA	NA	NM	NM
			02/05/18	NP	7.32	17.44	NA	NA	661.75	661.75
MW-49	669.07	12.5-17.5	05/07/18	NP	6.88	17.28	NA	NA	662.19	662.19
			08/16/18	NP	6.39	NM	NA	NA	662.68	662.68
			11/19/18	NP	6.11	17.14	NA	NA	662.96	662.96
			02/22/19	NP	6.75	17.27	NA	NA	662.32	662.32
			06/14/19	NP	6.14	16.86	NA	NA	662.93	662.93
			09/27/19	NP	6.36	17.21	NA	NA	662.71	662.71
			11/04/19	NP	6.28	17.17	NA	NA	662.79	662.79
			02/05/20	NP	6.40	NM	NA	NA	662.67	662.67
			05/18/20	Could Not Access, located underneath parked vehicle						

See Notes on Last Page.

Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
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	7.40	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
			04/19/17	NP	6.12	19.04	NA	NA	664.95	664.95
MW-51	671.07	15.0-20.0	07/24/17	NP	7.82	18.92	NA	NA	663.25	663.25
			11/06/17	NP	7.58	18.91	NA	NA	663.49	663.49
			02/05/18	NP	7.89	18.95	NA	NA	663.18	663.18
			05/07/18	NP	6.24	18.85	NA	NA	664.83	664.83
			08/16/18	NP	7.33	NM	NA	NA	663.74	663.74
			11/19/18	NP	7.05	NM	NA	NA	664.02	664.02
			03/01/19	NP	7.03	14.56	NA	NA	664.04	664.04
			06/14/19	NP	6.08	18.89	NA	NA	664.99	664.99
			09/26/19	NP	7.81	18.91	NA	NA	663.26	663.26
			11/04/19	NP	7.12	18.88	NA	NA	663.95	663.95
			02/05/20	NP	8.79	NM	NA	NA	662.28	662.28
			05/18/20	NP	6.67	18.89	NA	NA	664.40	664.40
			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
MW-52	669.16	15.0-20.0	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	8.30	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	6.80	19.42	NA	NA	662.36	662.36
			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
MW-53	668.59	16.0-21.0	08/16/18	NP	7.87	NM	NA	NA	660.72	660.72
			11/19/18	NP	7.10	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
			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
MW-54	668.49	16.0-21.0	02/22/19	Could Not Access, covered by ice/snow						
			06/14/19	NP	5.90	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 ⁽³⁾	NM ⁽³⁾	NM ⁽³⁾	NM ⁽³⁾	NM ⁽³⁾	NM ⁽³⁾	NM ⁽³⁾
			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	5.60	NM	NA	NA	662.64	662.64
MW-54S	668.24	4.5-9.5	05/18/20	NP	3.39	9.28	NA	NA	664.85	664.85

See Notes on Last Page.

Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
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	9.20	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	7.20	NM	NA	NA	662.84	662.84
MW-55D	670.17	19.0-24.0	05/18/20	NP	6.64	19.72	NA	NA	663.40	663.40
			06/14/19	NP	7.04	23.82	NA	NA	663.13	663.13
			09/26/19	NP	9.46	25.65	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
MW-56	670.26	16.0-21.0	05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			04/19/17	NP	6.67	20.69	NA	NA	663.59	663.59
			07/24/17	NP	8.18	20.58	NA	NA	662.08	662.08
			11/06/17	NP	8.37	20.76	NA	NA	661.89	661.89
			02/05/18	NP	8.08	20.59	NA	NA	662.18	662.18
			05/07/18	NP	6.62	26.44	NA	NA	663.64	663.64
			08/16/18	NP	7.95	NM	NA	NA	662.31	662.31
			11/19/18	NP	7.40	NM	NA	NA	662.86	662.86
			02/22/19	NP	7.19	20.39	NA	NA	663.07	663.07
			06/14/19	NP	6.68	20.41	NA	NA	663.58	663.58
			09/26/19	NP	8.32	20.40	NA	NA	661.94	661.94
			11/04/19	NP	7.34	20.35	NA	NA	662.92	662.92
			02/05/20	NP	6.59	NM	NA	NA	663.67	663.67
			05/18/20	NP	6.25	20.32	NA	NA	664.01	664.01
			04/19/17	NP	5.89	21.72	NA	NA	663.04	663.04
MW-57	668.93	17.0-22.0	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
MW-58	668.73	15.0-20.0	05/09/16	NP	3.51	19.74	NA	NA	665.22	665.22
			04/19/17	NP	4.28	19.72	NA	NA	664.45	664.45
			07/24/17	NP	5.68	18.70	NA	NA	663.05	663.05
			11/06/17	NP	5.78	19.69	NA	NA	662.95	662.95
			02/05/18	NP	5.63	19.40	NA	NA	663.10	663.10
			05/07/18	NP	4.01	19.68	NA	NA	664.72	664.72
			08/16/18	NP	5.43	NM	NA	NA	663.30	663.30
			11/19/18	NP	5.03	NM	NA	NA	663.70	663.70
			03/01/19	NP	4.65	19.66	NA	NA	664.08	664.08
			06/14/19	NP	4.12	19.66	NA	NA	664.61	664.61
			09/26/19	NP	5.75	19.64	NA	NA	662.98	662.98
			11/04/19	NP	5.07	19.64	NA	NA	663.66	663.66
			02/05/20	NP	4.16	NM	NA	NA	664.57	664.57
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾

See Notes on Last Page.

Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	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	8.60	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
			04/20/17	NP	7.32	11.75	NA	NA	662.64	662.64
MW-63	669.96	7.0-12.0	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	7.60	11.78	NA	NA	662.36	662.36
			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
MW-64	671.09	15.0-20.0	11/06/17	NP	10.20	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	8.30	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
			04/20/17	NP	8.26	21.18	NA	NA	663.72	663.72
			07/24/17	NP	9.87	21.11	NA	NA	662.11	662.11
			11/06/17	NP	9.68	21.11	NA	NA	662.30	662.30
MW-65	671.98	16.0-21.0	02/05/18	NP	10.05	21.16	NA	NA	661.93	661.93
			05/07/18	NP	8.37	21.04	NA	NA	663.61	663.61
			08/16/18	NP	9.13	NM	NA	NA	662.85	662.85
			11/19/18	NP	9.06	NM	NA	NA	662.92	662.92
			02/28/19	NP	9.49	19.59	NA	NA	662.49	662.49
			06/14/19	NP	8.35	21.10	NA	NA	663.63	663.63
			09/26/19	NP	9.57	21.10	NA	NA	662.41	662.41
			11/04/19	NP	9.07	21.08	NA	NA	662.91	662.91
			02/05/20	NP	8.92	NM	NA	NA	663.06	663.06
			05/18/20	NP	8.84	21.09	NA	NA	663.14	663.14
			04/20/17	NP	6.55	19.49	NA	NA	663.28	663.28
			07/24/17	NP	7.81	19.35	NA	NA	662.02	662.02
			11/06/17	NP	7.51	19.23	NA	NA	662.32	662.32
			02/05/18	NP	8.03	19.06	NA	NA	661.80	661.80
MW-66	669.83	15.0-20.0	05/07/18	NP	6.79	19.02	NA	NA	663.04	663.04
			08/16/18	NP	7.33	NM	NA	NA	662.50	662.50
			11/19/18	NP	7.25	NM	NA	NA	662.58	662.58
			03/04/19	NP	7.65	19.11	NA	NA	662.18	662.18
			06/14/19	NP	6.45	19.00	NA	NA	663.38	663.38
			09/26/19	NP	7.49	19.02	NA	NA	662.34	662.34
			11/04/19	NP	7.03	18.99	NA	NA	662.80	662.80
			02/05/20	NP	7.15	NM	NA	NA	662.68	662.68
			05/18/20	NP	7.03	19.01	NA	NA	662.80	662.80

See Notes on Last Page.

Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	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	10.00	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	9.30	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	9.70	NM	NA	NA	661.62	661.62
			05/18/20	NP	9.57	14.02	NA	NA	661.75	661.75
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
			04/20/17	NP	9.71	19.91	NA	NA	660.56	660.56
MW-69	670.27	15.0-20.0	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	8.90	NM	NA	NA	661.37	661.37
			11/19/18	NP	8.79	NM	NA	NA	661.48	661.48
			02/22/19	NP	9.30	19.98	NA	NA	660.97	660.97
			06/14/19	NM	NM	NM	NA	NA	NM	NM
			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
			05/18/20	NP	9.28	19.90	NA	NA	660.99	660.99
			04/20/17	NP	11.46	20.14	NA	NA	659.90	659.90
MW-70	671.36	15.0-20.0	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	10.40	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	11.50	NM	NA	NA	659.86	659.86
			05/18/20	NP	11.56	20.12	NA	NA	659.80	659.80
			04/20/17	NP	12.45	20.16	NA	NA	658.59	658.59
MW-71	671.04	15.0-20.0	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

See Notes on Last Page.

Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-113	672.44	5.0-10.0	09/26/19	NP	5.20	9.56	NA	NA	667.24	667.24
			11/04/19	NP	4.31	9.56	NA	NA	668.13	668.13
			02/05/20	NP	3.83	NM	NA	NA	668.61	668.61
			05/18/20	NP	3.73	9.55	NA	NA	668.71	668.71
MW-114	670.80	5.0-10.0	09/26/19	NP	5.50	9.42	NA	NA	665.30	665.30
			11/04/19	NP	5.39	9.44	NA	NA	665.41	665.41
			02/05/20	NP	5.16	NM	NA	NA	665.64	665.64
			05/18/20	NP	5.04	9.32	NA	NA	665.76	665.76
MW-120	670.35	7.0-12.0	09/26/19	NP	6.78	11.74	NA	NA	663.57	663.57
			11/04/19	NP	5.05	11.75	NA	NA	665.30	665.30
			02/05/20	NP	5.32	NM	NA	NA	665.03	665.03
			05/18/20	NP	5.07	11.72	NA	NA	665.28	665.28
MW-122	670.47	16.0-20.0	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 ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
MW-124	670.24	5.0-10.0	09/30/19	NP	2.01	9.60	NA	NA	668.23	668.23
			11/04/19	NP	1.17	9.58	NA	NA	669.07	669.07
			02/05/20	Could Not Access, covered by storage racks						
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
MW-194	672.47	12.0-17.0	11/20/19	NP	2.39	16.15	NA	NA	670.08	670.08
			02/05/20	NP	2.22	NM	NA	NA	670.25	670.25
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			11/20/19	NP	2.58	6.53	NA	NA	670.09	670.09
MW-194S	672.67	2.0-7.0	02/05/20	NP	2.35	NM	NA	NA	670.32	670.32
			05/18/20	NP	2.41	6.50	NA	NA	670.26	670.26
			11/20/19	NP	1.98	6.20	NA	NA	670.01	670.01
MW-195S	671.99	2.0-7.0	02/05/20	NP	1.77	NM	NA	NA	670.22	670.22
			05/18/20	NP	1.82	6.08	NA	NA	670.17	670.17
			11/20/19	NP	2.24	17.14	NA	NA	670.51	670.51
MW-196	672.75	12.0-17.0	02/05/20	NP	1.87	NM	NA	NA	670.88	670.88
			05/18/20	NP	1.91	17.12	NA	NA	670.84	670.84
			11/20/19	NP	2.50	6.55	NA	NA	670.51	670.51
MW-196S	673.01	2.0-7.0	02/05/20	NP	2.15	NM	NA	NA	670.86	670.86
			05/18/20	NP	2.14	6.52	NA	NA	670.87	670.87
			11/25/19	NP	5.02	7.40	NA	NA	670.91	670.91
MW-197S	675.93	3.0-8.0	02/05/20	NP	4.57	NM	NA	NA	671.36	671.36
			05/18/20	NP	4.52	7.39	NA	NA	671.41	671.41
			11/25/19	NP	4.28	16.52	NA	NA	671.09	671.09
MW-198	675.37	12.0-17.0	02/05/20	NP	3.57	NM	NA	NA	671.80	671.80
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			11/20/19	NP	4.35	7.10	NA	NA	671.06	671.06
MW-198S	675.41	2.5-7.5	02/05/20	NP	3.61	NM	NA	NA	671.80	671.80
			05/18/20	NP	3.51	7.10	NA	NA	671.90	671.90
			11/25/19	NP	1.97	5.82	NA	NA	670.13	670.13
MW-199S	672.10	2.0-7.0	02/05/20	NP	1.68	NM	NA	NA	670.42	670.42
			05/18/20	NP	1.34	5.82	NA	NA	670.76	670.76
			11/21/19	NP	6.41	18.80	NA	NA	666.01	666.01
MW-200	672.42	15.0-20.0	02/05/20	NP	5.85	NM	NA	NA	666.57	666.57
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			11/21/19	NP	6.35	9.58	NA	NA	666.19	666.19
MW-200S	672.54	5.0-10.0	02/05/20	NP	5.89	NM	NA	NA	666.65	666.65
			05/18/20	NP	5.59	9.54	NA	NA	666.95	666.95
			11/19/19	NP	5.02	21.47	NA	NA	667.20	667.20
MW-201	672.22	17.0-22.0	02/05/20	NP	4.70	NM	NA	NA	667.52	667.52
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			11/19/19	NP	5.16	8.13	NA	NA	667.14	667.14
MW-201S	672.30	3.5-8.5	02/05/20	NP	4.90	NM	NA	NA	667.40	667.40
			05/18/20	NP	4.39	8.14	NA	NA	667.91	667.91
			02/05/20	NP	10.07	14.00 ⁽⁴⁾	NA	NA	661.32	661.32
MW-208S	671.39	9.0-14.0	05/18/20	NP	10.09	15.59	NA	NA	661.30	661.30
			02/05/20	NP	9.43	13.00 ⁽⁴⁾	NA	NA	661.45	661.45
			05/18/20	NP	9.39	12.72	NA	NA	661.49	661.49
MW-210S	671.08	8.0-13.0	02/05/20	NP	9.35	13.00 ⁽⁴⁾	NA	NA	661.73	661.73
			05/18/20	NP	9.20	12.73	NA	NA	661.88	661.88
			02/05/20	NP	7.91	12.00 ⁽⁴⁾	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
			02/05/20	NP	7.39	11.50 ⁽⁴⁾	NA	NA	662.06	662.06
			05/18/20	NP	7.22	11.17	NA	NA	662.23	662.23

See Notes on Last Page.

Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-213S	669.10	6.0-11.0	02/05/20	NP	7.02	11.00 ⁽⁴⁾	NA	NA	662.08	662.08
			05/18/20	NP	6.90	10.83	NA	NA	662.20	662.20
MW-218S	671.68	9.0-14.0	02/05/20	NP	9.97	14.00 ⁽⁴⁾	NA	NA	661.71	661.71
			05/18/20	NP	10.26	13.19	NA	NA	661.42	661.42
MW-219S	669.63	7.0-12.0	02/05/20	NP	7.14	12.00 ⁽⁴⁾	NA	NA	662.49	662.49
			05/18/20	NP	7.36	11.30	NA	NA	662.27	662.27
MW-220S	672.38	6.0-11.0	02/05/20	NP	7.62	11.00 ⁽⁴⁾	NA	NA	664.76	664.76
			05/19/20	NP	7.64	10.44	NA	NA	664.74	664.74
MW-221S	672.85	6.5-11.5	02/05/20	NP	6.01	11.50 ⁽⁴⁾	NA	NA	666.84	666.84
			05/18/20	NP	6.09	10.99	NA	NA	666.76	666.76
MW-222S	671.77	5.5-10.5	02/05/20	NP	8.38	10.50 ⁽⁴⁾	NA	NA	663.39	663.39
			05/18/20	NP	5.85	9.50	NA	NA	665.92	665.92
MW-224S	676.96	7.0-12.0	02/05/20	NP	8.35	12.00 ⁽⁴⁾	NA	NA	668.61	668.61
			05/18/20	NP	8.40	11.52	NA	NA	668.56	668.56
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	8.70	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	8.00	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	7.40	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
			07/24/17	NP	6.77	8.36	NA	NA	663.20	663.20
			11/06/17	NP	6.54	23.79	NA	NA	663.43	663.43
			02/05/18	NP	6.65	24.55	NA	NA	663.32	663.32
PW-16-02	669.97	6.0-21.0	05/07/18	NP	4.85	23.65	NA	NA	665.12	665.12
			08/16/18	NP	6.40	NM	NA	NA	663.57	663.57
			11/19/18	NP	5.72	NM	NA	NA	664.25	664.25
			02/25/19	NP	5.29	23.69	NA	NA	664.68	664.68
			06/14/19	NP	4.78	23.78	NA	NA	665.19	665.19
			09/26/19	NP	6.75	23.70	NA	NA	663.22	663.22
			11/04/19	NP	6.05	23.72	NA	NA	663.92	663.92
			02/05/20	NP	5.20	NM	NA	NA	664.77	664.77
			05/18/20	NP	4.90	23.85	NA	NA	665.07	665.07
			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 ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			04/20/17	NP	4.48	18.85	NA	NA	664.95	664.95
			07/24/17	NP	8.00	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
TW-16-02	669.43	12.0-17.0	09/26/19	NP	7.50	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 ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			07/24/17	NP	6.10	18.65	NA	NA	663.24	663.24
			11/06/17	NP	6.00	18.65	NA	NA	663.34	663.34
			02/05/18	NP	6.05	18.75	NA	NA	663.29	663.29
			05/07/18	NP	4.29	18.72	NA	NA	665.05	665.05
			08/16/18	NP	5.79	NM	NA	NA	663.55	663.55
			11/19/18	NP	5.13	NM	NA	NA	664.21	664.21
			02/25/19	NP	4.74	18.89	NA	NA	664.60	664.60
			06/14/19	NP	4.22	18.74	NA	NA	665.12	665.12
			09/26/19	NP	6.16	18.65	NA	NA	663.18	663.18
			11/04/19	NP	5.44	18.33	NA	NA	663.90	663.90
			02/05/20	NP	4.58	NM	NA	NA	664.76	664.76
TW-16-03	669.34	9.0-19.0	05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
			07/24/17	NP	6.10	18.65	NA	NA	663.24	663.24
			11/06/17	NP	6.00	18.65	NA	NA	663.34	663.34
			02/05/18	NP	6.05	18.75	NA	NA	663.29	663.29
			05/07/18	NP	4.29	18.72	NA	NA	665.05	665.05
			08/16/18	NP	5.79	NM	NA	NA	663.55	663.55
			11/19/18	NP	5.13	NM	NA	NA	664.21	664.21
			02/25/19	NP	4.74	18.89	NA	NA	664.60	664.60
			06/14/19	NP	4.22	18.74	NA	NA	665.12	665.12
			09/26/19	NP	6.16	18.65	NA	NA	663.18	663.18

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Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
TW-16-04	669.80	9.0-19.0	04/20/17	NP	4.90	19.02	NA	NA	664.90	664.90
			07/24/17	NP	6.46	18.93	NA	NA	663.34	663.34
			11/06/17	NP	6.36	18.93	NA	NA	663.44	663.44
			02/05/18	NP	6.43	18.73	NA	NA	663.37	663.37
			05/07/18	NP	4.65	18.90	NA	NA	665.15	665.15
			08/16/18	NP	6.17	NM	NA	NA	663.63	663.63
			11/19/18	NP	5.59	NM	NA	NA	664.21	664.21
			02/25/19	NP	5.10	18.92	NA	NA	664.70	664.70
			06/14/19	NP	4.61	18.71	NA	NA	665.19	665.19
			09/26/19	NP	6.53	18.93	NA	NA	663.27	663.27
			11/04/19	NP	5.89	18.91	NA	NA	663.91	663.91
			02/05/20	NP	4.98	NM	NA	NA	664.82	664.82
			05/18/20	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾	NM ⁽⁵⁾
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
PZ-02	670.67	15.0-20.0	05/18/20	NP	8.25	19.44	NA	NA	662.63	662.63
			02/22/19	NP	8.90	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	9.20	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
PZ-03	670.62	15.0-20.0	05/18/20	NP	8.68	19.71	NA	NA	661.99	661.99
			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
PZ-04	671.03	16.0-21.0	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
			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 ⁽³⁾	NA	NA	658.81	658.81
PZ-05	670.92	15.0-20.0	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
			02/22/19	NP	10.60	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
PZ-06	671.82	16.0-21.0	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
			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
PZ-07	670.87	15.0-20.0	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	10.00	NM	NA	NA	661.82	661.82
			05/18/20	NP	9.64	20.98	NA	NA	662.18	662.18
			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
PZ-08	668.62	15.0-20.0	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
			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

See Notes on Last Page.

Well ID	TOC Elevation ⁽¹⁾ (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
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
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
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	10.40	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
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	11.20	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
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	9.60	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
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	6.60	NM	NA	NA	663.66	663.66
			05/18/20	6.30	6.40	17.85	663.96	0.10	663.86	663.94
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

Notes:
Water level measurements collected from top of well casing.
⁽¹⁾ TOC elevation re-surveyed on October 12-13 and/or November 20, 2017 by Geodetic Designs Inc. Monitoring well TOC surveyed for MW-21, MW-22, and MW-194 through MW-201S on 11/12/2019 after reinstallation or re
⁽²⁾ MW submerged under water.
⁽³⁾ Monitoring well total depth incorrect due to field measurement error. Confirmed during sampling of the monitoring well.
⁽⁴⁾ Monitoring well total depth not measured. Measurement shown is based on the recorded well screen depth from the well construction log.
⁽⁵⁾ Monitoring well not measured during the second quarter of 2020.
* Monitoring well TOC unable to be re-surveyed due to access restrictions.
** Unable to calculate a corrected groundwater elevation due to LNAPL thickness throughout well screen.

Abbreviations:
ft. feet
ft. amsl feet above mean sea level
ft. bgs feet below ground surface
ft. btoc feet below top of casing
LNAPL light non-aqueous phase liquid
NA not applicable
NM not measured
NP no product detected
NS Survey data not available. Monitoring well will be surveyed in the third quarter of 2020.
TOC top of casing

This document is a DRAFT document that has not received approval from the Michigan Department of Environment, Great Lakes, and Energy (EGLE). This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-1											MW-2													
			14-19											15.5-20.5													
			4/26/2017	7/28/2017	11/10/2017	5/11/2018	8/14/2018	10/29/2018	3/1/2019	6/11/2019	9/25/2019	11/15/2019	2/14/2020	4/27/2017	8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/10/2018	10/26/2018	3/1/2019	6/11/2019	9/25/2019	11/20/2019	2/19/2020	5/20/2020	
Semi-volatile Organic Compounds (SVOCs)																											
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.5 J	1.8 J	4.5	4.4	5.7	5.1	4.9	3.9	5.8	4.9	4.9	4.7	4.5	
Volatile Organic Compounds (VOCs)																											
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	< 100	< 200	2.8 J	< 100	< 100	
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 130	< 250	< 330	< 330	< 130	< 710	< 250	< 500	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.33 J	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.37 J	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 10	1.0 J	< 10	< 10	< 10	< 10	3.8 J	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	1.2 J	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA	NA	
Acetone	µg/l	2,100	< 10	< 10 UB	< 10	< 10 UB	< 10	< 10	28	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 130	< 250	< 330	< 330	< 130	< 710	< 250	< 500	NA	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA	NA	
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	630	1,200	1,000	1,										

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-1											MW-2												
			14-19											15.5-20.5												
			4/26/2017	7/28/2017	11/10/2017	5/11/2018	8/14/2018	10/29/2018	3/1/2019	6/11/2019	9/25/2019	11/15/2019	2/14/2020	4/27/2017	8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/10/2018	10/26/2018	3/1/2019	6/11/2019	9/25/2019	11/20/2019	2/19/2020	5/20/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	< 100	< 200	< 10	< 100	< 100
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 50	< 100	< 130	< 130	< 50	< 290	< 100	< 200	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	200	270	260	390	510	510	530	760	790	840	760	860	840
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 67	< 67	< 25	< 140	8.2 J	< 100 J	< 100	27 J	3.4 J	< 100	< 100
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	200	160	140	210	190	170	190	230	190	200	160	280	150
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-3													MW-4													
			14-19													15.5-20.5													
			4/27/2017	8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/7/2018	10/26/2018	3/1/2019	6/11/2019	9/25/2019	11/19/2019	2/19/2020	5/27/2020	4/27/2017	8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/7/2018	10/26/2018	3/1/2019	6/11/2019	9/25/2019	11/19/2019	2/19/2020	5/20/2020	
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	NA	NA	NA	NA	
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA	NA	
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	< 1,000	< 1,700	< 100	< 1,300	< 1,300	
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA	NA	
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2,000	< 2,000	< 2,000	< 3,300	< 2,000 J	< 2,000	< 1,000	< 4,000	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1,200	1,100	850 J	1,100 J	860 J	1,000	1,100	1,000 J	310 J	770 J	790	670 J	950 J	
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA	NA	
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	21,000	18,000	19,000	23,000	23,000 J	31,000	35,000	41,000	13,000	35,000	35,000	28,000	36,000	
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	570 J	640 J	470 J	< 1,700	610 J	< 1,000	610	1,100 J	< 1,000	670 J	870	1,300	810 J	
Gases																													
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Other																													
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																													
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-5												MW-7											
			15.5-20.5												18-23											
			8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/7/2018	10/26/2018	3/1/2019	6/11/2019	9/27/2019	11/20/2019	2/19/2020	5/27/2020	7/31/2017	11/10/2017	2/12/2018	5/11/2018	8/14/2018	10/29/2018	2/27/2019	6/10/2019	9/25/2019	11/22/2019	2/7/2020	
Semi-volatile Organic Compounds (SVOCs)																										
1,4-Dioxane	µg/l	350	< 2.0 UB	< 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	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
Volatile Organic Compounds (VOCs)																										
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.26 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.36 J	< 1.0	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.73 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	0.58 J	< 1.0	0.39 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 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	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
See Notes on Last Page.																										

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unif	EGLE Non-Residential Drinking Water Criteria	MW-5												MW-7												
			15.5-20.5												18-23												
			8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/7/2018	10/26/2018	3/1/2019	6/11/2019	9/27/2019	11/20/2019	2/19/2020	5/27/2020	7/31/2017	11/10/2017	2/12/2018	5/11/2018	8/14/2018	10/29/2018	2/27/2019	6/10/2019	9/25/2019	11/22/2019	2/7/2020		
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.18 J	< 1.0 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	< 1.0	< 1.0	
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Gases																											
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																											
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																											
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-9											MW-10													
			19.5-24.5											16.5-21.5													
			7/28/2017	11/10/2017	2/12/2018	5/11/2018	8/14/2018	10/29/2018	3/1/2019	6/10/2019	9/23/2019	11/21/2019	2/10/2020	4/27/2017	8/4/2017	11/9/2017	2/13/2018	5/10/2018	8/9/2018	11/7/2018	3/1/2019	6/11/2019	9/27/2019	11/19/2019	2/19/2020	5/20/2020	
Semi-volatile Organic Compounds (SVOCs)																											
1,4-Dioxane	µg/l	350	8.6	11	12	3.6	4.3	3.9	3.8	5.2	4.2	3.1	< 2.0	5.9	4.5	5.6	4.4	4.4	4.8	5.5	4.5	6.1	5.0	5.6	5.3	4.4	
Volatile Organic Compounds (VOCs)																											
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	< 100	< 200	< 10	< 200	< 200	
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 250	< 330	< 500	< 1,000	< 500	< 710	< 1,300	< 500	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.28 J	< 1.0	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	NA	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	NA	NA	NA	NA	
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	NA	NA	NA	NA	< 250	< 330	< 500	< 1,000	< 500	< 710	< 1,300	< 500 J	NA	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA	NA	
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0</																							

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-9											MW-10												
			19.5-24.5											16.5-21.5												
			7/28/2017	11/10/2017	2/12/2018	5/11/2018	8/14/2018	10/29/2018	3/1/2019	6/10/2019	9/23/2019	11/21/2019	2/10/2020	4/27/2017	8/4/2017	11/9/2017	2/13/2018	5/10/2018	8/9/2018	11/7/2018	3/1/2019	6/11/2019	9/27/2019	11/19/2019	2/19/2020	5/20/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	< 100	< 200	< 10	< 200	< 200
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 100	< 130	< 200	< 400	< 200	< 290	< 500	< 200	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	< 100	< 200	< 10	< 200	< 200
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50	< 67	< 100	< 200	< 100	< 140	< 250	14 J	< 100	< 200	< 10	< 200	< 200
Vinyl chloride	µg/l	2.0	5.5	7.1	4.6	2.2	1.7	1.5	0.94 J	1.2	0.98 J	0.81 J	0.20 J	1,200	2,100	2,000	1,900	3,100	2,300	3,100	3,300	3,600	3,000	2,700	5,300	3,300
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-14											MW-15-59D												
			15-20											94-99												
			7/28/2017	11/10/2017	2/12/2018	5/11/2018	8/14/2018	10/29/2018	2/26/2019	6/12/2019	9/23/2019	11/21/2019	2/3/2020	4/26/2017	8/1/2017	11/15/2017	2/6/2018	5/15/2018	8/9/2018	10/31/2018	3/5/2019	6/13/2019	9/27/2019	11/22/2019	2/21/2020	
Semi-volatile Organic Compounds (SVOCs)																										
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.90 J	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
Volatile Organic Compounds (VOCs)																										
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.36 J	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	< 1.0	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10 J	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	1.6 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	&												

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unif	EGLE Non-Residential Drinking Water Criteria	MW-14											MW-15-59D												
			15-20											94-99												
			7/28/2017	11/10/2017	2/12/2018	5/11/2018	8/14/2018	10/29/2018	2/26/2019	6/12/2019	9/23/2019	11/21/2019	2/3/2020	4/26/2017	8/1/2017	11/15/2017	2/6/2018	5/15/2018	8/9/2018	10/31/2018	3/5/2019	6/13/2019	9/27/2019	11/22/2019	2/21/2020	
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	0.35 J	0.46 J	0.30 J	0.31 J	< 1.0	0.17 J	< 1.0	< 1.0	NA	NA	NA	NA	
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	0.25 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.28 J	NA	NA	NA	NA	
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-15-60D												MW-15-61D													
			93-98												88-93													
			4/26/2017	8/1/2017	11/15/2017	2/6/2018	5/11/2018	8/7/2018	10/29/2018	3/5/2019	6/13/2019	9/27/2019	11/22/2019	2/21/2020	4/26/2017	8/1/2017	11/15/2017	2/6/2018	5/15/2018	8/7/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020		
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA		
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA		
Tetrachloroethene	µg/l	5.0	< 1.0	< 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	< 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	< 1.0	0.33 J	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	0.28 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA		
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA		
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA		
Trichloroethene	µg/l	5.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
Gases																												
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Other																												
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Metals																												
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-18												MW-19												
			13-18												15-20												
			4/21/2017	7/28/2017	11/10/2017	2/14/2018	5/8/2018	8/7/2018	10/29/2018	2/26/2019	6/10/2019	9/25/2019	11/12/2019	2/10/2020	11/14/2017	2/14/2018	5/14/2018	8/10/2018	10/26/2018	2/28/2019	6/12/2019	9/24/2019	11/20/2019	2/20/2020			
Semi-volatile Organic Compounds (SVOCs)																											
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	120	130	140	130	150	170	190	350	290	540			
Volatile Organic Compounds (VOCs)																											
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	6.3	4.8	3.6	4.7	6.6	5.8	NA	NA	NA	NA			
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA			
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	0.26 J	< 1.0	< 1.0	NA	NA	NA	NA			
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA			
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	0.49 J	0.52 J	0.36 J	0.48 J	0.47 J	0.47 J	NA	NA	NA	NA			
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.24 J	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	0.34 J	< 1.0	NA	NA	NA	NA			
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	1.3 J	< 10	< 10	NA	NA	NA	NA			
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	0.87 J	< 10	< 10	NA	NA	NA	NA			
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10 UB	5.6 J	< 10	< 10	NA	NA	NA	NA			
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA			
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA			
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	8.9	6.5	1.7	< 1.0	4.1	< 1.0 J	NA	NA	NA	NA			
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.45 J	< 1.0	1.1	0.94 J	0.71 J	1.0	1.6	1.3	0.65 J	0.99 J	1.1	0.73 J			
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA			
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA			
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA			
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0											

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-18												MW-19											
			13-18												15-20											
			4/21/2017	7/28/2017	11/10/2017	2/14/2018	5/8/2018	8/7/2018	10/29/2018	2/26/2019	6/10/2019	9/25/2019	11/12/2019	2/10/2020	11/14/2017	2/14/2018	5/14/2018	8/10/2018	10/26/2018	2/28/2019	6/12/2019	9/24/2019	11/20/2019	2/20/2020		
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	1.0	0.91 J	1.0	0.97 J	0.66 J	0.60 J	0.54 J	0.70 J	0.62 J		
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.8	1.5	1.3	< 1.0	1.6	1.9	0.73 J	1.2	1.4	1.1		
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-20										MW-21									
			13.5-18.5										13.5-18.5									
			7/31/2017	11/10/2017	2/12/2018	5/11/2018	8/9/2018	10/29/2018	2/26/2019	6/12/2019	9/26/2019	11/12/2019	2/13/2018	5/15/2018	8/14/2018	10/26/2018	2/26/2019	6/13/2019	9/25/2019	11/13/2019	2/14/2020	
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	25	5.3	6.5	14	18	6.3	58	45	33	
Volatile Organic Compounds (VOCs)																						
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500 J	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	< 710	< 500	65 J	< 500	
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5,000	< 5,000	< 5,000	< 8,300	< 13,000	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500 J	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.17 J	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	1.4 J	< 10	< 10	< 10 J	NA	NA	NA	< 10,000	< 10,000	1,500 J	< 17,000	< 25,000 J	NA	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	0.81 J	2.0 J	0.63 J	< 10	0.52 J	NA	NA	NA	< 10,000	< 10,000	830 J	< 17,000	< 25,000 J	NA	NA	NA	NA	
Acetone	µg/l	2,100	< 10	< 10	< 10 UB	< 10 UB	6.9 J	< 10	< 10	NA	NA	NA	< 10,000	2,100 J	< 10,000	< 17,000	< 25,000	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500 J	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5,000	< 5,000	< 5,000	< 8,300	< 13,000	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	20,000	18,000	26,000	40,000	25,000	13,000 J	15,000	23,000	6,500	
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5,000	560 J	< 5,000	< 8,300	< 13,000	NA	NA	NA	NA	
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2,000	< 2,000	< 2,000	< 3,300	< 5,000	NA	NA	NA	NA	
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	< 10,000 J	< 10,000	< 10,000	< 17,000	< 25,000 J	NA	NA	NA	NA	
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	< 10,000	< 10,000	910 J	< 17,000	< 25,000 J	NA	NA	NA	NA	
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-20										MW-21									
			13.5-18.5										13.5-18.5									
			7/31/2017	11/10/2017	2/12/2018	5/11/2018	8/9/2018	10/29/2018	2/26/2019	6/12/2019	9/26/2019	11/12/2019	2/13/2018	5/15/2018	8/14/2018	10/26/2018	2/26/2019	6/13/2019	9/25/2019	11/13/2019	2/14/2020	
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	< 1,000	< 1,000 J	< 1,000	< 1,700	< 2,500 J	NA	NA	NA	NA	
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	< 710	< 500	< 100	< 500	
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2,000	< 2,000	< 2,000	< 3,300	< 5,000	NA	NA	NA	NA	
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1,000	< 1,000	190 J	< 1,700	< 2,500	< 710	< 500	120	< 500	
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA	
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	460 J	< 1,000	< 1,000	1,900	570 J	< 710	190 J	62 J	250 J	
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	5,400	3,700	3,400	7,800	5,600	2,400	3,000	6,600	2,500	
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Other																						
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-22													MW-23												
			16.5-21.5													15-20												
			4/25/2017	8/2/2017	11/7/2017	2/6/2018	5/10/2018	8/6/2018	10/30/2018	2/25/2019	6/10/2019	9/19/2019	11/12/2019	2/10/2020	5/26/2020	8/3/2017	11/7/2017	2/6/2018	5/7/2018	8/6/2018	10/30/2018	6/10/2019	9/24/2019	11/11/2019	2/7/2020	5/27/2020		
Semi-volatile Organic Compounds (SVOCs)																												
1,4-Dioxane	µg/l	350	32	26	49	22	34	19	37	23	40	3.0	12	15	29	< 2.0 UB	< 20	< 20	< 2.0	< 200	< 200	< 2.0 UB	< 2.0 J	0.35 J	< 2.0	< 2.0		
Volatile Organic Compounds (VOCs)																												
1,1,1-Trichloroethane	µg/l	200	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,1,2,2-Tetrachloroethane	µg/l	35	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50 J	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,1,2-Trichloroethane	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,1-Dichloroethane	µg/l	2,500	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,1-Dichloroethene	µg/l	7.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	< 200	1.6	1.3 J	< 67	< 67	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	< 1,000	< 2,500	21 J	< 200	< 330		
1,2,3-Trimethylbenzene	µg/l	NS	< 310	< 500	< 250	< 710	< 330	< 250	< 500	< 250	NA	NA	NA	NA	NA	< 5,000	< 10,000	< 5,000	< 500	< 13,000	< 13,000	NA	NA	NA	NA	NA		
1,2,4-Trichlorobenzene	µg/l	70	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,2,4-Trimethylbenzene	µg/l	63	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,2-Dibromoethane	µg/l	0.05	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,2-Dichlorobenzene	µg/l	600	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,2-Dichloroethane	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,2-Dichloropropane	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,3,5-Trimethylbenzene	µg/l	72	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,3-Dichlorobenzene	µg/l	19	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
1,4-Dichlorobenzene	µg/l	75	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
2-Butanone (MEK)	µg/l	38,000	< 630	< 1,000	< 500	< 1,400	< 670	< 500	< 1,000	< 500 J	NA	NA	NA	NA	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	NA	NA	NA	NA		
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 630	< 1,000	< 500	< 1,400	< 670	< 500	< 1,000	< 500 J	NA	NA	NA	NA	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	NA	NA	NA	NA		
Acetone	µg/l	2,100	< 630	< 1,000	< 500	< 1,400	< 670	< 500	< 1,000	< 500	NA	NA	NA	NA	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	NA	NA	NA	NA		
Benzene	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
Bromodichloromethane	µg/l	80	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
Bromoform	µg/l	80	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50 J	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
Bromomethane	µg/l	29	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
Carbon Disulfide	µg/l	2,300	< 310	< 500	< 250	< 710	< 330	< 250	< 500	< 250	NA	NA	NA	NA	NA	< 5,000	< 10,000	< 5,000	< 500	< 13,000	< 13,000	NA	NA	NA	NA	NA		
Carbon Tetrachloride	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
Chlorobenzene	µg/l	100	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
Chlorodibromomethane	µg/l	80	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
Chloroethane	µg/l	1,700	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
Chloroform	µg/l	80	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA		
Chloromethane	µg/l	1,100	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA				

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-22												MW-23											
			16.5-21.5												15-20											
			4/25/2017	8/2/2017	11/7/2017	2/6/2018	5/10/2018	8/6/2018	10/30/2018	2/25/2019	6/10/2019	9/19/2019	11/12/2019	2/10/2020	5/26/2020	8/3/2017	11/7/2017	2/6/2018	5/7/2018	8/6/2018	10/30/2018	6/10/2019	9/24/2019	11/11/2019	2/7/2020	5/27/2020
Methyl-tert-butyl ether	µg/l	40	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	< 200	< 1.0	< 2.0	< 67	< 67	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	< 1,000	< 2,500	< 50	< 200	< 330
Toluene	µg/l	790	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 130	< 200	< 100	< 290	< 130	< 100	< 200	< 100	NA	NA	NA	NA	NA	< 2,000	< 4,000	< 2,000	< 200	< 5,000	< 5,000	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	< 200	2.5	1.6 J	< 67	< 67	1,200	4,100	1,800	180	2,300 J	3,000	1,000	1,600 J	500	200	430
trans-1,3-Dichloropropene	µg/l	NS	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	< 200	0.25 J	< 2.0	< 67	< 67	5,300	25,000	11,000	1,000	12,000	18,000	7,000	11,000	2,800	1,300	1,300
Vinyl chloride	µg/l	2.0	2,300	2,100	1,600	1,500	2,400	1,300	2,600 J	1,700	2,600	830	860	1,300	2,600	1,100	2,400	820 J	77 J	< 2,500	1,600 J	670 J	1,600 J	380	< 200	550
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-24												MW-25												
			19-24												16-21												
			4/26/2017	8/2/2017	11/10/2017	2/14/2018	5/14/2018	8/14/2018	10/29/2018	3/1/2019	6/11/2019	9/23/2019	11/22/2019	2/10/2020	4/21/2017	8/2/2017	11/14/2017	2/13/2018	5/9/2018	8/13/2018	10/29/2018	2/27/2019	6/10/2019	9/25/2019	11/15/2019	2/6/2020	
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Gases																											
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Other																											
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																											
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-26										MW-28											
			4.5-14.5										2-12											
			8/4/2017	11/14/2017	5/15/2018	8/9/2018	10/26/2018	2/28/2019	6/13/2019	9/25/2019	11/15/2019	2/18/2020	8/3/2017	11/8/2017	2/7/2018	5/15/2018	8/13/2018	10/31/2018	2/26/2019	6/11/2019	9/24/2019	11/14/2019	2/10/2020	
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.93 J	< 2.0	< 2.0	
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	28	26	25	24	37	35	15	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	NA	NA	NA	NA	14	12	10	13	15	15	7.9	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.87 J	< 1.0	< 1.0	0.71 J	1.6	0.90 J	0.57 J	0.33 J	0.43 J	0.40 J	1.8	1.2	< 1.0	< 5.0	
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA	
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	0.91 J	0.50 J	0.43 J	0.86 J	0.51 J	0.24 J	0.22 J	0.98 J	< 1.0	< 5.0	
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 UB	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	NA	NA	NA	
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	NA	NA	NA	NA	
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10	NA	NA	NA	NA	
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA	
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-26										MW-28										
			4.5-14.5										2-12										
			8/4/2017	11/14/2017	5/15/2018	8/9/2018	10/26/2018	2/28/2019	6/13/2019	9/25/2019	11/15/2019	2/18/2020	8/3/2017	11/8/2017	2/7/2018	5/15/2018	8/13/2018	10/31/2018	2/26/2019	6/11/2019	9/24/2019	11/14/2019	2/10/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.22 J	< 2.0	< 1.0	0.16 J	0.27 J	< 1.0	< 5.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.68 J	0.59 J	0.45 J	0.51 J	0.66 J	0.70 J	0.30 J	0.43 J	0.64 J	< 1.0	< 5.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 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	0.33 J	< 1.0	< 1.0	< 1.0	< 5.0
Gases																							
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																							
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																							
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-29												MW-30												
			5-15												19-24												
			4/26/2017	8/4/2017	11/14/2017	2/14/2018	5/14/2018	8/9/2018	10/26/2018	2/28/2019	6/12/2019	9/25/2019	11/20/2019	2/21/2020	4/25/2017	7/27/2017	11/9/2017	2/13/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020
Semi-volatile Organic Compounds (SVOCs)																											
1,4-Dioxane	µg/l	350	1.4 J	3.8	9.0	0.90 J	0.47 J	<2.0	4.3	<2.0	<2.0	0.92 J	0.60 J	<2.0	10	11	13	12	14	15	15	15	13	14	9.2	12	11
Volatile Organic Compounds (VOCs)																											
1,1,1-Trichloroethane	µg/l	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<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	NS	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	<5.0	NA	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.27 J	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.18 J	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	<10	<10	<10	<10	<10 UB	<10	<10	<10	NA	NA	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
Bromoform	µg/l	80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	NA	NA	NA	NA	NA
Chloroform	µg/l	80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.20 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	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	µg/l	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 UB	<5.0	NA	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
See Notes on Last Page.																											

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-29												MW-30													
			5-15												19-24													
			4/26/2017	8/4/2017	11/14/2017	2/14/2018	5/14/2018	8/9/2018	10/26/2018	2/28/2019	6/12/2019	9/25/2019	11/20/2019	2/21/2020	4/25/2017	7/27/2017	11/9/2017	2/13/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020	
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.20 J	< 1.0	< 1.0	< 1.0	0.20 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	
Gases																												
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	0.31 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65	NA	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																												
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.6	NA	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52	NA	53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.1	NA	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																												
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	NA	3,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	630	NA	3,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77	NA	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	70	NA	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-31													MW-32												
			17-22													18-23												
			4/21/2017	7/28/2017	11/10/2017	2/14/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020	7/28/2017	11/7/2017	2/12/2018	5/8/2018	8/7/2018	11/7/2018	2/28/2019	6/11/2019	9/24/2019	11/14/2019	2/10/2020		
Semi-volatile Organic Compounds (SVOCs)																												
1,4-Dioxane	µg/l	350	< 2.0	0.47 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.28 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
Volatile Organic Compounds (VOCs)																												
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA			

Table 2 - On-Site Groundwater Analytical Data

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-33											MW-34												
			14-19											16.5-21.5												
			7/28/2017	11/8/2017	2/14/2018	5/8/2018	8/9/2018	11/2/2018	2/27/2019	6/11/2019	9/25/2019	11/8/2019	2/7/2020	4/24/2017	7/27/2017	11/9/2017	2/13/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.52 J	1.5	2.0	0.97 J	0.87 J	1.1	1.2	0.85 J	0.89 J	2.2	1.8	0.53 J	0.76 J
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-35												MW-36											
			19.5-24.5												20-25											
			7/27/2017	11/7/2017	2/14/2018	5/9/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020	7/28/2017	11/10/2017	2/15/2018	5/14/2018	8/14/2018	10/29/2018	3/1/2019	6/11/2019	9/25/2019	11/21/2019	2/7/2020	
Semi-volatile Organic Compounds (SVOCs)																										
1,4-Dioxane	µg/l	350	4.9	4.6	4.3	4.7	4.3	4.5	5.8	5.2	5.0	2.8	4.5	3.3	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
Volatile Organic Compounds (VOCs)																										
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.26 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	1.7 J	< 10	< 10 J	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	0.89 J	< 10	< 10 J	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	0.32 J	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	&lt					

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unif	EGLE Non-Residential Drinking Water Criteria	MW-35												MW-36												
			19.5-24.5												20-25												
			7/27/2017	11/7/2017	2/14/2018	5/9/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020	7/28/2017	11/10/2017	2/15/2018	5/14/2018	8/14/2018	10/29/2018	3/1/2019	6/11/2019	9/25/2019	11/21/2019	2/7/2020		
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA		
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA		
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.14 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA		
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA		
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.19 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	< 1.0	< 1.0		
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA		
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.11 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
Vinyl chloride	µg/l	2.0	3.5	2.4	4.5	7.2	3.0	1.8	4.1	6.7	2.6	3.2	4.0	9.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
Gases																											
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Other																											
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																											
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-37											MW-38											
			18-23											15-20											
			8/1/2017	11/10/2017	2/12/2018	5/10/2018	8/9/2018	10/31/2018	2/27/2019	6/12/2019	9/25/2019	11/14/2019	2/6/2020	4/26/2017	7/28/2017	11/8/2017	2/15/2018	5/8/2018	8/9/2018	11/1/2018	2/27/2019	6/11/2019	9/25/2019	11/8/2019	2/6/2020
Semi-volatile Organic Compounds (SVOCs)																									
1,4-Dioxane	µg/l	350	< 2.0 UB	< 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	< 2.0	< 2.0	< 2.0	< 2.0	0.39 J	< 2.0
Volatile Organic Compounds (VOCs)																									
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.17 J	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.9	< 1.0	< 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	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0									

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unif	EGLE Non-Residential Drinking Water Criteria	MW-37											MW-38												
			18-23											15-20												
			8/1/2017	11/10/2017	2/12/2018	5/10/2018	8/9/2018	10/31/2018	2/27/2019	6/12/2019	9/25/2019	11/14/2019	2/6/2020	4/26/2017	7/28/2017	11/8/2017	2/15/2018	5/8/2018	8/9/2018	11/1/2018	2/27/2019	6/11/2019	9/25/2019	11/8/2019	2/6/2020	
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-39												MW-40											
			20-25												20-25											
			4/26/2017	7/28/2017	11/7/2017	2/15/2018	5/8/2018	8/7/2018	11/1/2018	2/28/2019	6/11/2019	9/24/2019	11/8/2019	2/10/2020	7/28/2017	11/15/2017	5/8/2018	8/10/2018	11/1/2018	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020		
Semi-volatile Organic Compounds (SVOCs)																										
1,4-Dioxane	µg/l	350	< 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	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
Volatile Organic Compounds (VOCs)																										
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.7	3.2	2.3 J	2.4	2.6	2.2	2.8	3.2	2.5	2.6		
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	<																			

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-39												MW-40											
			20-25												20-25											
			4/26/2017	7/28/2017	11/7/2017	2/15/2018	5/8/2018	8/7/2018	11/1/2018	2/28/2019	6/11/2019	9/24/2019	11/8/2019	2/10/2020	7/28/2017	11/15/2017	5/8/2018	8/10/2018	11/1/2018	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020		
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA		
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.41 J	0.48 J	0.34 J	0.37 J	0.39 J	0.37 J	0.43 J	0.46 J	0.30 J	0.36 J		
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.77 J	1.8	1.3 J	0.54 J	1.4	0.26 J	0.90 J	0.70 J	0.28 J	0.31 J		
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-41													MW-42												
			16-21													16-21												
			4/24/2017	7/27/2017	11/9/2017	2/13/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020	4/24/2017	7/27/2017	11/9/2017	2/13/2018	5/9/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.34 J	0.35 J	0.42 J	< 1.0	0.24 J	0.37 J	0.25 J	0.19 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
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.13 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Vinyl chloride	µg/l	2.0	3.2	1.9	2.4	2.1	5.3	3.0	2.0	3.2	1.9	1.5	2.7	1.5	2.0	0.81 J	0.99 J	1.0	0.81 J	0.99 J	0.60 J	0.60 J	0.70 J	0.67 J	0.92 J	1.1	0.70 J	0.93 J
Gases																												
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																												
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																												
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-43													MW-44															
			17-22													16-21															
			4/27/2017	7/27/2017	11/9/2017	2/13/2018	5/9/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020	4/25/2017	8/2/2017	11/7/2017	2/6/2018	5/14/2018	8/13/2018	10/30/2018	2/25/2019	6/11/2019	9/19/2019	11/12/2019	2/6/2020	5/27/2020			
Semi-volatile Organic Compounds (SVOCs)																															
1,4-Dioxane	µg/l	350	3.6	3.5	3.5	2.2 J	2.8	3.3	4.0	3.3	2.7	4.4	3.6	3.5	3.3	12	7.1	12	9.0	11	9.5	2.7	5.7	14	14	12	10	11			
Volatile Organic Compounds (VOCs)																															
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	< 1.0	< 10	< 10			
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 31	< 50	< 100	< 33	< 67	< 100	< 100	< 100	NA	NA	NA	NA	NA			
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	< 200	NA	NA	NA	NA	NA		
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	< 200	NA	NA	NA	NA	NA		
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	< 200	NA	NA	NA	NA	NA		
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 31	< 50	< 100	< 33	< 67	< 100	< 100	< 100	NA	NA	NA	NA	NA			
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	0.28 J	< 10	2.2 J			
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 31 UB	< 50	< 100 UB	< 33 UB	9.7 J	< 100	< 100	< 100	NA	NA	NA	NA	NA			
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 13	< 20	< 40	< 13	< 27	< 40	< 40	< 40	NA	NA	NA	NA	NA			
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	< 200	NA	NA	NA	NA	NA		
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	< 200	NA	NA	NA	NA	NA		
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA			
See Notes on Last Page.																															

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-43													MW-44												
			17-22													16-21												
			4/27/2017	7/27/2017	11/9/2017	2/13/2018	5/9/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020	4/25/2017	8/2/2017	11/7/2017	2/6/2018	5/14/2018	8/13/2018	10/30/2018	2/25/2019	6/11/2019	9/19/2019	11/12/2019	2/6/2020	5/27/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	< 1.0	< 10	< 10
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 13	< 20	< 40	< 13	< 27	< 40	< 40	< 40	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	< 1.0	< 10	< 10
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	< 1.0	< 10	< 10
Vinyl chloride	µg/l	2.0	8.4	3.0	2.2	8.0	6.4 J	1.0	0.71 J	3.4	1.5	< 1.0	0.33 J	< 1.0	0.28 J	230	380	520	210	270	240	240	180	180	270	340	260 J	290
Gases																												
Ethane	ug/l	NS	0.48 J	NA	0.74 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	< 0.50	NA	0.27 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	190	NA	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																												
Carbon	mg/l	NS	4.4	NA	4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	< 0.50	NA	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	220	NA	260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	4.0	NA	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																												
Iron, Dissolved	ug/l	300	1,700	NA	2,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	2,500	NA	3,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	210	NA	190	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	210	NA	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-45													MW-46													
			15-20													16-21													
			4/24/2017	8/1/2017	11/13/2017	2/12/2018	5/8/2018	8/9/2018	11/2/2018	2/26/2019	6/11/2019	9/27/2019	11/8/2019	2/12/2020	5/26/2020	4/24/2017	7/31/2017	11/13/2017	2/12/2018	5/14/2018	8/9/2018	11/2/2018	2/26/2019	6/11/2019	9/25/2019	11/7/2019	2/12/2020	5/22/2020	
Semi-volatile Organic Compounds (SVOCs)																													
1,4-Dioxane	µg/l	350	4.1	2.5	< 2.0	< 2.0	0.40 J	1.0 J	1.1 J	< 2.0	0.94 J	< 2.0	0.45 J	< 2.0	< 2.0	21	< 2.0 UB	3.7	11	13	8.5	7.0	3.0	11	4.8	7.7	2.7	3.4	
Volatile Organic Compounds (VOCs)																													
1,1,1-Trichloroethane	µg/l	200	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	1.9 J	2.8	3.6	2.4	1.0 J	1.3	0.80 J	0.32 J	NA	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	< 25	< 25	0.37 J	< 25	< 25	< 5.0	0.78 J	0.90 J	0.46 J	< 1.7	< 1.0	< 1.0	< 1.0	< 3.3	< 1.0	< 1.0	< 1.0	< 1.0	
1,2,3-Trimethylbenzene	µg/l	NS	< 2,500	< 2,500	< 330	< 500	< 330	< 170	< 50	< 83	NA	NA	NA	NA	NA	< 25	< 5.0	< 13	< 5.0	< 8.4	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	0.55 J	< 1.7	0.57 J	0.21 J	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	0.21 J	< 1.0	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 5,000	< 5,000	< 670	< 1,000	< 670	< 330	< 100	< 170 J	NA	NA	NA	NA	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 5,000	< 5,000	< 670	< 1,000	< 670	< 330	< 100	< 170 J	NA	NA	NA	NA	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	
Acetone	µg/l	2,100	< 5,000	< 5,000	< 670	< 1,000	< 670	< 330	< 100	< 170	NA	NA	NA	NA	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10	NA	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Bromoform	µg/l	80	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 2,500	< 2,500	< 330	< 500	< 330	< 170	< 50	< 83	NA	NA	NA	NA	NA	< 25	< 5.0	< 13	< 5.0	< 8.4	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0 J	< 1.0	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	<											

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-45													MW-46												
			15-20													16-21												
			4/24/2017	8/1/2017	11/13/2017	2/12/2018	5/8/2018	8/9/2018	11/2/2018	2/26/2019	6/11/2019	9/27/2019	11/8/2019	2/12/2020	5/26/2020	4/24/2017	7/31/2017	11/13/2017	2/12/2018	5/14/2018	8/9/2018	11/2/2018	2/26/2019	6/11/2019	9/25/2019	11/7/2019	2/12/2020	5/22/2020
Methyl-tert-butyl ether	µg/l	40	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	7.9	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	< 25	< 25	< 1.0	< 25	< 25	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	< 3.3	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 1,000	< 1,000	< 130	< 200	< 130	< 67	< 20	< 33	NA	NA	NA	NA	NA	< 10	< 2.0	< 5.0	< 2.0	< 3.3	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 500	< 500	< 67	< 100	< 67	< 33	6.5 J	< 17	< 25	< 25	0.60 J	< 25	< 25	1.6 J	2.6	2.7	1.7	0.86 J	1.2	0.56 J	0.20 J	< 3.3	0.53 J	0.91 J	0.41 J	0.31 J
trans-1,3-Dichloropropene	µg/l	NS	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	2.7 J	< 17	< 25	< 25	< 1.0	< 25	< 25	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	< 3.3	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	7,600	5,400	1,500	1,200	1,400	800	420	380	540	310	210	640	450	150	13	57	38	30	66	32	17	87	20	32	17	47
Gases																												
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																												
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																												
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-47												MW-48													
			16-21												17-22													
			4/24/2017	7/31/2017	11/10/2017	5/10/2018	8/9/2018	10/25/2018	2/28/2019	6/12/2019	9/25/2019	11/6/2019	2/7/2020	5/21/2020	4/21/2017	8/1/2017	11/14/2017	2/12/2018	5/15/2018	8/6/2018	8/6/2018	10/25/2018	3/4/2019	6/13/2019	9/20/2019	11/6/2019	2/11/2020	5/26/2020
Semi-volatile Organic Compounds (SVOCs)																												
1,4-Dioxane	µg/l	350	0.72 J	< 2.0 UB	0.52 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	9.5	2.1	7.7	12	6.2	NA	6.5	1.6 J	< 2.0	5.3	2.5	< 2.0	6.7
Volatile Organic Compounds (VOCs)																												
1,1,1-Trichloroethane	µg/l	200	< 5.0	2.2 J	< 10	1.9 J	2.0	3.1 J	2.2 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	3.7 J	3.5 J	4.6 J	2.9 J	4.0	5.1	4.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 5.0	< 4.0	< 10	< 5.0 J	0.43 J	< 5.0	< 2.5	< 4.0	0.59 J	0.42 J	< 2.5	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 25	< 20	< 50	< 25 J	< 8.4	< 25	< 13	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.27 J	< 1.0	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 50	< 40	< 100	< 50 J	< 17	< 50	< 25	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	1.5 J	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 50	< 40	< 100	< 50 J	< 17	< 50	< 25	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10 J	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 50	< 40	< 100	< 50 J	< 17	< 50	< 25	NA	NA	NA	NA	NA	< 10	< 10	5.1 J	< 10	< 10 UB	< 10	NA	< 10	8.4 J	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
Bromoform	µg/l	80	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 25	< 20	< 50	< 25 J	< 8.4	< 25	< 13	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0 J	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA			

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-47												MW-48													
			16-21												17-22													
			4/24/2017	7/31/2017	11/10/2017	5/10/2018	8/9/2018	10/25/2018	2/28/2019	6/12/2019	9/25/2019	11/6/2019	2/7/2020	5/21/2020	4/21/2017	8/1/2017	11/14/2017	2/12/2018	5/15/2018	8/6/2018	8/6/2018	10/25/2018	3/4/2019	6/13/2019	9/20/2019	11/6/2019	2/11/2020	5/26/2020
Methyl-tert-butyl ether	µg/l	40	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	< 4.0	< 1.0	< 1.0	< 2.5	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 10	< 8.0	< 20	< 10 J	< 3.3	< 10	< 5.0	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	7.1	8.6	9.3 J	6.5 J	7.2	7.1	5.4	5.3	5.6	5.2	4.5	3.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	< 4.0	< 1.0	< 1.0	< 2.5	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	120	110	220	88 J	59	100	44	120	94	96	74	85	0.85 J	11	5.2	3.8	7.4	5.3	NA	6.6	0.24 J	< 1.0	1.6	0.57 J	< 1.0	1.8
Gases																												
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6,000	NA	NA	NA	NA	NA	NA	NA
Other																												
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																												
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-49												MW-50												
			12.5-17.5												16-21												
			4/21/2017	7/28/2017	2/13/2018	5/11/2018	8/14/2018	10/30/2018	2/27/2019	6/11/2019	9/27/2019	11/13/2019	2/13/2020	5/27/2020	4/21/2017	7/31/2017	11/13/2017	2/12/2018	5/9/2018	8/6/2018	10/24/2018	2/27/2019	6/12/2019	9/20/2019	11/5/2019	2/11/2020	5/26/2020
Semi-volatile Organic Compounds (SVOCs)																											
1,4-Dioxane	µg/l	350	12	9.4	7.0	5.5	5.0	5.4	8.1	6.1	8.9	15	7.3	5.8	1.5 J	2.2	0.68 J	0.78 J	2.8	1.7 J	2.8	3.6	3.3	3.1	2.0	1.7 J	2.9
Volatile Organic Compounds (VOCs)																											
1,1,1-Trichloroethane	µg/l	200	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500 J	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	0.48 J	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	< 710	< 2,500	48 J	< 1,000	< 1,000	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	0.26 J	< 5.0	< 6.7	< 1.0	< 1.0	< 1.0	< 5.0	< 10
1,2,3-Trimethylbenzene	µg/l	NS	< 10,000	< 5,000	< 8,300	< 8,300	< 2,500	< 5,000	< 13,000	NA	NA	NA	NA	NA	< 25	< 20	< 25	< 25	< 25	< 5.0	< 25	< 33	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500 J	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500 J	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 20,000	< 10,000	< 17,000	< 17,000	< 5,000	< 10,000	< 25,000 J	NA	NA	NA	NA	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 20,000	< 10,000	< 17,000	< 17,000	< 5,000	< 10,000	< 25,000 J	NA	NA	NA	NA	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 20,000	< 10,000	< 17,000	< 17,000 UE	< 5,000	< 10,000	< 25,000	NA	NA	NA	NA	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Bromoform	µg/l	80	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500 J	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 10,000	< 5,000	< 8,300	< 8,300	< 2,500	< 5,000	< 13,000	NA	NA	NA	NA	NA	< 25	< 20	< 25	< 25	< 25	< 5.0	< 25	< 33	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500 J	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA</																	

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-49												MW-50												
			12.5-17.5												16-21												
			4/21/2017	7/28/2017	2/13/2018	5/11/2018	8/14/2018	10/30/2018	2/27/2019	6/11/2019	9/27/2019	11/13/2019	2/13/2020	5/27/2020	4/21/2017	7/31/2017	11/13/2017	2/12/2018	5/9/2018	8/6/2018	10/24/2018	2/27/2019	6/12/2019	9/20/2019	11/5/2019	2/11/2020	5/26/2020
Methyl-tert-butyl ether	µg/l	40	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	< 710	< 2,500	< 50	< 1,000	< 1,000	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	< 1.0	< 1.0	< 1.0	< 5.0	< 10
Toluene	µg/l	790	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 4,000	< 2,000	< 3,300	< 3,300	< 1,000	< 2,000	< 5,000	NA	NA	NA	NA	NA	< 10	< 8.0	< 10	< 10	< 10	< 2.0	< 10	< 13	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 2,000	< 1,000	< 1,700	< 1,700	110 J	< 1,000	< 2,500	< 710	< 2,500	150	< 1,000	< 1,000	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	0.31 J	< 5.0	< 6.7	0.31 J	< 1.0	0.25 J	< 5.0	< 10
trans-1,3-Dichloropropene	µg/l	NS	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	< 710	< 2,500	< 50	< 1,000	< 1,000	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	< 1.0	< 1.0	< 1.0	< 5.0	< 10
Vinyl chloride	µg/l	2.0	10,000	9,800	8,400	8,100	4,900	8,400	9,100	7,100	8,100	7,800	7,000	15,000	48	140	150	76	150	97	99	170	200	120	120	110	180
Gases																											
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																											
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																											
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-51												MW-52												
			15-20												15-20												
			4/25/2017	8/3/2017	11/9/2017	2/8/2018	5/14/2018	8/6/2018	10/30/2018	3/1/2019	6/12/2019	9/24/2019	11/15/2019	2/4/2020	7/27/2017	11/10/2017	2/13/2018	5/9/2018	8/10/2018	10/31/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020	
Semi-volatile Organic Compounds (SVOCs)																											
1,4-Dioxane	µg/l	350	0.75 J	< 2.0 UB	1.1 J	1.1 J	0.49 J	1.6 J	2.5	1.5 J	2.2	3.2	2.1	1.9 J	1.3 J	0.68 J	1.2 J	0.30 J	1.8 J	2.7	1.9 J	1.2 J	1.1 J	0.64 J	1.5 J	< 2.0	
Volatile Organic Compounds (VOCs)																											
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	0.41 J	0.72 J	0.70 J	0.84 J	0.45 J	0.77 J	1.0	0.57 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	NS	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.28 J	0.24 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.40 J	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.18 J	< 1.0	NA	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	2.2 J	< 10	< 10	< 10 UB	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	0.31 J	< 1.0	0.37 J																			

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-51												MW-52											
			15-20												15-20											
			4/25/2017	8/3/2017	11/9/2017	2/8/2018	5/14/2018	8/6/2018	10/30/2018	3/1/2019	6/12/2019	9/24/2019	11/15/2019	2/4/2020	7/27/2017	11/10/2017	2/13/2018	5/9/2018	8/10/2018	10/31/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	5/30/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	0.57 J	0.97 J	0.47 J	< 1.0	0.70 J	0.40 J	0.39 J	0.29 J	0.36 J	0.28 J	0.61 J	< 1.0	7.0	9.1	4.0	4.3	4.5	5.0	3.9	3.4	5.9	4.7	4.3	4.5
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-53													MW-54												
			16-21													16-21												
			4/24/2017	7/27/2017	11/8/2017	2/7/2018	5/9/2018	8/13/2018	10/31/2018	2/28/2019	6/10/2019	9/28/2019	11/20/2019	2/12/2020	5/21/2020	7/27/2017	11/8/2017	2/7/2018	5/9/2018	8/13/2018	10/31/2018	6/10/2019	9/27/2019	11/19/2019	2/12/2020	5/21/2020		
Semi-volatile Organic Compounds (SVOCs)																												
1,4-Dioxane	µg/l	350	1.1 J	2.0	0.61 J	1.1 J	1.4 J	1.6 J	1.8 J	1.7 J	2.5	1.5 J	1.3 J	1.5 J	NA	1.5 J	2.0	2.7	1.7 J	1.4 J	2.6	3.0	2.2	2.4	2.5	1.9 J		
Volatile Organic Compounds (VOCs)																												
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0			
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA		
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.26 J	NA	NA	NA	NA		
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	0.18 J	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10 J	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA		
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10 J	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA		
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10 J	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA		
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA		
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0</													

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-53												MW-54											
			16-21												16-21											
			4/24/2017	7/27/2017	11/8/2017	2/7/2018	5/9/2018	8/13/2018	10/31/2018	2/28/2019	6/10/2019	9/28/2019	11/20/2019	2/12/2020	5/21/2020	7/27/2017	11/8/2017	2/7/2018	5/9/2018	8/13/2018	10/31/2018	6/10/2019	9/27/2019	11/19/2019	2/12/2020	5/21/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	0.63 J	< 1.0	< 1.0	< 1.0	0.45 J	0.60 J	< 1.0	< 1.0	0.84 J	0.80 J	0.20 J	< 1.0	0.88 J	1.5	1.2	0.98 J	0.34 J	0.85 J	0.87 J	0.84 J	1.2	1.2	0.91 J
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-54S						MW-55										MW-55D				
			4.5-9.5						15-20										19-24				
			4/29/2019	6/10/2019	9/27/2019	11/19/2019	2/12/2020	5/21/2020	7/27/2017	11/8/2017	2/7/2018	5/10/2018	8/13/2018	10/31/2018	2/27/2019	6/11/2019	9/25/2019	11/20/2019	2/11/2020	6/11/2019	9/25/2019	11/20/2019	2/12/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.2 J	1.4 J	0.96 J	1.2 J	1.1 J	1.6 J	< 2.0	1.2 J	< 2.0	0.65 J	< 2.0	2.8	2.6	1.8 J	1.4 J
Volatile Organic Compounds (VOCs)																							
1,1,1-Trichloroethane	µg/l	200	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	NA	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.25 J	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	µg/l	80	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	NA	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	0.26 J	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.19 J	< 1.0	< 1.0	0.89 J	< 1.0	< 5.0	< 1.0	0.79 J	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
See Notes on Last Page.																							

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-54S						MW-55											MW-55D			
			4.5-9.5						15-20											19-24			
			4/29/2019	6/10/2019	9/27/2019	11/19/2019	2/12/2020	5/21/2020	7/27/2017	11/8/2017	2/7/2018	5/10/2018	8/13/2018	10/31/2018	2/27/2019	6/11/2019	9/25/2019	11/20/2019	2/11/2020	6/11/2019	9/25/2019	11/20/2019	2/12/2020
Methyl-tert-butyl ether	µg/l	40	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 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 J	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 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 J	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	0.84 J	0.65 J	< 1.0	0.48 J	0.39 J	0.57 J	0.54 J	0.48 J	0.58 J	0.50 J	< 5.0	0.34 J	< 1.0	< 1.0	0.35 J
Gases																							
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																							
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																							
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[illegible]

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-56												MW-57											
			16-21												17-22											
			4/24/2017	7/28/2017	11/8/2017	2/14/2018	5/9/2018	8/13/2018	10/31/2018	2/27/2019	6/11/2019	9/25/2019	11/20/2019	2/11/2020	7/27/2017	11/7/2017	2/9/2018	5/9/2018	8/6/2018	10/25/2018	2/28/2019	6/11/2019	9/27/2019	11/19/2019	2/12/2020	5/20/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.11 J	0.12 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 5.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.31 J	0.38 J	< 1.0	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	0.59 J	0.56 J	0.39 J	0.64 J	0.88 J	0.77 J	0.90 J	0.96 J	0.60 J	0.67 J
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2 - On-Site Groundwater Analytical Data

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-63														MW-64													
			7-12														15-20													
			4/21/2017	5/25/2017	7/31/2017	11/13/2017	2/7/2018	5/9/2018	8/6/2018	10/24/2018	2/28/2019	6/12/2019	9/20/2019	11/5/2019	2/11/2020	5/26/2020	4/24/2017	7/27/2017	11/7/2017	2/9/2018	5/10/2018	8/13/2018	11/5/2018	2/28/2019	6/11/2019	9/27/2019	11/15/2019	2/3/2020	5/26/2020	
Semi-volatile Organic Compounds (SVOCs)																														
1,4-Dioxane	µg/l	350	19	NA	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.32 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.50 J	< 2.0	< 2.0	
Volatile Organic Compounds (VOCs)																														
1,1,1-Trichloroethane	µg/l	200	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	NS	< 5,000	< 5,000	< 500	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 10,000	< 10,000	< 1,000	< 100	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10,000	< 10,000	< 1,000	< 100	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	
Acetone	µg/l	2,100	< 10,000	< 10,000	< 1,000	< 100	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Bromoform	µg/l	80	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 5,000	< 5,000	< 500	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA					

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-63														MW-64														
			7-12														15-20														
			4/21/2017	5/25/2017	7/31/2017	11/13/2017	2/7/2018	5/9/2018	8/6/2018	10/24/2018	2/28/2019	6/12/2019	9/20/2019	11/5/2019	2/11/2020	5/26/2020	4/24/2017	7/27/2017	11/7/2017	2/9/2018	5/10/2018	8/13/2018	11/5/2018	2/28/2019	6/11/2019	9/27/2019	11/15/2019	2/3/2020	5/26/2020		
Methyl-tert-butyl ether	µg/l	40	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Styrene (Monomer)	µg/l	100	13,000	13,000	3,900	320	0.23 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Tetrachloroethene	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Total Xylenes	µg/l	280	< 2,000	< 2,000	< 200	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA		
trans-1,2-Dichloroethene	µg/l	100	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	0.30 J	0.29 J	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
trans-1,3-Dichloropropene	µg/l	NS	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Trichloroethene	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
Vinyl chloride	µg/l	2.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.24 J	< 1.0	< 1.0	0.67 J	2.4	4.8	7.0	6.7	1.3	5.9	3.0	3.4	1.7	9.9	7.3	0.69 J	1.3		
Gases																															
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Other																															
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																															
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-65													MW-66												
			16-21													15-20												
			4/25/2017	8/2/2017	11/8/2017	2/6/2018	5/10/2018	8/8/2018	10/30/2018	2/28/2019	6/12/2019	9/18/2019	11/5/2019	2/4/2020	5/26/2020	4/25/2017	8/2/2017	11/13/2017	2/12/2018	5/10/2018	8/8/2018	11/2/2018	3/4/2019	6/10/2019	9/19/2019	11/5/2019	2/10/2020	5/26/2020
Methyl-tert-butyl ether	µg/l	40	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 4.0	< 8.0	< 4.0	< 4.0	< 4.0	< 2.0	< 4.0	< 5.0	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	61	49	48	36	41	35	48	34	41	25	45	20	34	5.6	5.4	3.0	2.7	2.4	3.2	1.2	3.2	1.5	< 1.0 UB	0.81 J	2.4	3.5
Gases																												
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																												
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																												
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-67													MW-68												
			9-14													15-20												
			4/21/2017	7/31/2017	11/14/2017	2/12/2018	5/14/2018	8/13/2018	10/25/2018	2/28/2019	6/13/2019	9/20/2019	11/6/2019	2/13/2020	5/26/2020	4/24/2017	8/1/2017	11/10/2017	2/12/2018	5/15/2018	8/9/2018	10/25/2018	2/27/2019	6/12/2019	9/25/2019	11/7/2019	2/12/2020	5/26/2020
Semi-volatile Organic Compounds (SVOCs)																												
1,4-Dioxane	µg/l	350	1.8 J	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.40 J	< 2.0 UB	0.73 J	0.54 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.57 J	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																												
1,1,1-Trichloroethane	µg/l	200	2.3 J	2.0 J	2.1 J	< 3.3	0.94 J	0.80 J	1.3 J	0.78 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 10	1.0 J	< 5.0	< 3.3	0.25 J	< 2.5	< 3.3	0.49 J	NA	NA	NA	NA	NA	1.6	1.7	3.7	2.0	1.4	1.9	2.1	1.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	< 3.3	< 1.0	0.34 J	< 3.3	< 3.3	< 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	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 50	< 20	< 25	< 17	NA	< 13	< 17	< 13	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.25 J	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 100	< 40	< 50	< 33	< 10	< 25	< 33	< 25	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 100	< 40	< 50	< 33	< 10	< 25	< 33	< 25	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 100	< 40	< 50	< 33	< 10 UB	< 25	< 33	< 25	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Bromoform	µg/l	80	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5 J	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 50	< 20	< 25	< 17	< 5.0	< 13	< 17	< 13	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5.																				

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-67													MW-68														
			9-14													15-20														
			4/21/2017	7/31/2017	11/14/2017	2/12/2018	5/14/2018	8/13/2018	10/25/2018	2/28/2019	6/13/2019	9/20/2019	11/6/2019	2/13/2020	5/26/2020	4/24/2017	8/1/2017	11/10/2017	2/12/2018	5/15/2018	8/9/2018	10/25/2018	2/27/2019	6/12/2019	9/25/2019	11/7/2019	2/12/2020	5/26/2020		
Methyl-tert-butyl ether	µg/l	40	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA		
Styrene (Monomer)	µg/l	100	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Tetrachloroethene	µg/l	5.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	< 3.3	< 1.0	< 1.0	< 3.3	< 3.3	< 1.0	< 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	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Total Xylenes	µg/l	280	< 20	< 8.0	< 10	< 6.7	< 2.0	< 5.0	< 6.7	< 5.0	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA		
trans-1,2-Dichloroethene	µg/l	100	< 10	2.4 J	1.7 J	1.1 J	0.75 J	0.78 J	0.88 J	1.4 J	< 3.3	1.7	1.7	0.79 J	< 3.3	1.9	1.9	1.5	1.8	1.4	1.7	2.1	3.6	4.0	4.2	5.3	4.0	3.9		
trans-1,3-Dichloropropene	µg/l	NS	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA		
Trichloroethene	µg/l	5.0	94	91	110	83	57	60	69	41	< 3.3	70	70	45	49	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	0.26 J	< 1.0 UB	0.50 J	0.52 J	< 1.0		
Vinyl chloride	µg/l	2.0	14	< 4.0	< 5.0	< 3.3	1.3	< 2.5	< 3.3	1.7 J	< 3.3	0.72 J	0.91 J	< 3.3	< 3.3	12	2.1	18	2.5	2.1	2.2	2.1	17	19	6.8	17	10	11		
Gases																														
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Other																														
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Metals																														
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-69												MW-70												
			15-20												15-20												
			4/25/2017	11/10/2017	2/14/2018	5/10/2018	8/13/2018	11/6/2018	2/28/2019	6/12/2019	9/23/2019	11/21/2019	2/3/2020	5/26/2020	4/24/2017	8/1/2017	11/13/2017	2/12/2018	5/14/2018	8/9/2018	11/2/2018	2/26/2019	6/11/2019	9/26/2019	11/7/2019	2/7/2020	5/21/2020
Semi-volatile Organic Compounds (SVOCs)																											
1,4-Dioxane	µg/l	350	12	35	23	7.3	7.1	12	5.0	6.7	5.3	4.1	5.0	4.1	0.76 J	< 2.0 UB	1.1 J	0.91 J	3.0	1.6 J	2.2	6.5	3.9	4.2	5.2	4.5	3.9
Volatile Organic Compounds (VOCs)																											
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10 J	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	2.4 J	3.3 J	3.4 J	< 13	2.2 J	< 13	2.5 J	2.3 J	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.7	< 10	< 10	< 13	2.1 J	< 13	1.3 J	< 10	< 10	< 5.0	1.5	< 13	< 10
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 33	< 50	< 50	< 67	NA	< 63	< 20	< 50	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3 UB	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10 J	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3 UB	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 67	< 100	< 100	< 130	< 33	< 130	< 40	< 100 J	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 67	< 100	< 100	< 130	< 33	< 130	< 40	< 100 J	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	4.4 J	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 67	< 100	< 100	< 130	< 33 UB	< 130	< 40	< 100	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10 J	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 33	< 50	< 50	< 67	< 17	< 63	< 20	< 50	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	&						

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-69												MW-70												
			15-20												15-20												
			4/25/2017	11/10/2017	2/14/2018	5/10/2018	8/13/2018	11/6/2018	2/28/2019	6/12/2019	9/23/2019	11/21/2019	2/3/2020	5/26/2020	4/24/2017	8/1/2017	11/13/2017	2/12/2018	5/14/2018	8/9/2018	11/2/2018	2/26/2019	6/11/2019	9/26/2019	11/7/2019	2/7/2020	5/21/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10 J	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	< 10	< 5.0	< 1.0	< 13	< 10
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 13	< 20	< 20	< 27	< 6.7	< 25	< 8.0	< 20	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.8 J	4.2 J	5.1 J	4.4 J	3.0 J	3.3 J	4.4	3.8 J	2.4 J	2.1 J	3.2	< 13	< 10
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	< 10	< 5.0	< 1.0	< 13	< 10
Vinyl chloride	µg/l	2.0	2.8	< 1.0	< 1.0	3.3	2.7	1.4	4.1	3.6	3.5	4.2	3.5	5.0	120	100	140	160	210	190	210	350	230	340	440	370	400
Gases																											
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																											
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																											
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-71													MW-113					MW-114					MW-120					
			15-20													5-10					5-10					7-12					
			4/24/2017	8/1/2017	11/13/2017	2/12/2018	5/8/2018	8/9/2018	11/6/2018	2/27/2019	6/11/2019	9/27/2019	11/7/2019	2/12/2020	5/22/2020	4/23/2019	6/12/2019	9/25/2019	11/15/2019	2/18/2020	4/23/2019	6/13/2019	9/25/2019	11/15/2019	2/18/2020	4/23/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.7	4.3	5.9	4.8	2.8		
Vinyl chloride	µg/l	2.0	< 1.0	0.68 J	0.83 J	0.59 J	0.59 J	< 1.0	0.31 J	0.40 J	0.77 J	0.41 J	0.83 J	0.29 J	0.32 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		
Gases																															
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Other																															
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Metals																															
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		

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See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-122			MW-124					MW-194		MW-194S		MW-195S		MW-196		MW-196S		MW-197S		MW-198		MW-198S		MW-199S	
			16-21			5-10					12-17		2-7		2-7		12-17		2-7		3-8		12-17		2.5-7.5		2-7	
			9/25/2019	11/20/2019	2/13/2020	4/23/2019	6/13/2019	9/30/2019	11/15/2019	2/20/2020	11/20/2019	2/10/2020	11/20/2019	2/10/2020	11/20/2019	2/10/2020	11/20/2019	2/11/2020	11/20/2019	2/11/2020	11/25/2019	2/11/2020	11/25/2019	2/12/2020	11/20/2019	2/12/2020	11/25/2019	2/12/2020
Methyl-tert-butyl ether	µg/l	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 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	< 100	< 2.0	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	0.19 J	0.26 J	0.24 J	0.27 J	0.20 J	< 1.0	< 1.0	< 1.0	< 1.0	150	100	55	65	1.7	1.3	0.43 J	0.89 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3,400	2,300	490	520	78	39	14	31	< 1.0	< 1.0	0.43 J	0.27 J	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	2.4	2.6	2.1	0.32 J	0.40 J	< 1.0	0.19 J	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	16	< 100	< 2.0	< 25	< 1.0	< 1.0	2.1	2.2	< 1.0	< 1.0	< 1.0	< 1.0	0.33 J	0.32 J
Gases																												
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																												
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																												
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-200		MW-200S		MW-201		MW-201S		MW-208S		MW-209S		MW-210S		MW-211S		MW-212S		MW-213S		MW-218S	MW-219S	MW-220S	MW-221S	MW-222S	MW-224S
			15-20		5-10		17-22		3.5-8.5		9-14		8-13		8-13		7-12		6.5-11.5		6-11		9-14	7-12	6-11	6.5-11.5	5.5-10.5	7-12
			11/21/2019	2/12/2020	11/21/2019	2/12/2020	11/19/2019	2/13/2020	11/19/2019	2/10/2020	2/8/2020	5/30/2020	2/8/2020	5/30/2020	2/8/2020	5/30/2020	2/8/2020	5/30/2020	2/8/2020	5/30/2020	2/8/2020	5/30/2020	2/20/2020	2/6/2020	2/4/2020	2/4/2020	2/6/2020	2/4/2020
Methyl-tert-butyl ether	µg/l	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	0.98 J	0.68 J	< 1.0	< 1.0	0.20 J	0.19 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.14 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	0.29 J	< 1.0	12	6.1	< 1.0	< 1.0	0.84 J	0.53 J	0.79 J	1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Gases																												
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																												
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																												
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	PW-16-01												PW-16-02												
			9.7-19.7												6-21												
			8/2/2017	11/7/2017	2/7/2018	5/15/2018	8/6/2018	10/30/2018	2/26/2019	6/10/2019	9/24/2019	11/11/2019	2/7/2020	5/27/2020	8/3/2017	11/8/2017	2/14/2018	5/11/2018	8/8/2018	10/30/2018	2/25/2019	6/11/2019	9/27/2019	11/14/2019	2/4/2020	5/27/2020	
Semi-volatile Organic Compounds (SVOCs)																											
1,4-Dioxane	µg/l	350	< 2.0	14	0.76 J	< 2.0	< 2.0	1.3 J	< 2.0	3.0	1.3 J	< 2.0	< 2.0	< 2.0	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	1.5 J	1.4 J	< 2.0	< 2.0	1.4 J	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																											
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0 J	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	< 100	< 100	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 1,000	< 71	< 71	< 200	< 200	< 5.0	NA	NA	NA	NA	NA	< 25	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0 J	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0 J	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 10	< 2,000	< 140	< 140	< 400	< 400	< 10 J	NA	NA	NA	NA	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 2,000	< 140	< 140	< 400	< 400	< 10 J	NA	NA	NA	NA	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA	NA	
Acetone	µg/l	2,100	< 10	< 2,000	< 140	32 J	< 400	< 400	< 10	NA	NA	NA	NA	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10	NA	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
Bromoform	µg/l	80	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0 J	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 5.0	< 1,000	< 71	< 71	< 200	< 200	< 5.0	NA	NA	NA	NA	NA	< 25	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0 J	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	0.55 J	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
Chloroform	µg/l	80	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
Chloromethane	µg/l	1,100	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	µg/l	70	2.2	550	82	7.1 J	180	250	0.51 J	300	310	67	0.77 J	6.3	63	2.3	12	< 1.0	11	11	1.9	< 1.0	20	0.67 J	0.44 J	0.21 J	
cis-1,3-Dichloropropene	µg/l	NS	< 1.0																								

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	PW-16-01												PW-16-02											
			9.7-19.7												6-21											
			8/2/2017	11/7/2017	2/7/2018	5/15/2018	8/6/2018	10/30/2018	2/26/2019	6/10/2019	9/24/2019	11/11/2019	2/7/2020	5/27/2020	8/3/2017	11/8/2017	2/14/2018	5/11/2018	8/8/2018	10/30/2018	2/25/2019	6/11/2019	9/27/2019	11/14/2019	2/4/2020	5/27/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 200	< 14	< 14 J	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	0.35 J	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	< 100	< 100	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 400	< 29	< 29	< 80	< 80	< 2.0	NA	NA	NA	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 200	5.4 J	< 14	< 40	10 J	< 1.0	< 100	< 100	3.7	< 1.0	0.39 J	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	< 100	< 100	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	24	5,300	160	37 J	870	1,400	0.92 J	2,100	2,000	450	1.8	360	160	2.0	18	< 1.0	71	62	0.94 J	< 1.0	59	0.40 J	< 1.0	0.54 J
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	TW-16-01											TW-16-02											
			12-17											12-17											
			8/2/2017	11/7/2017	2/7/2018	5/15/2018	8/6/2018	10/30/2018	2/26/2019	6/10/2019	9/24/2019	11/11/2019	2/7/2020	4/25/2017	8/2/2017	11/7/2017	2/14/2018	5/11/2018	8/6/2018	10/30/2018	2/26/2019	6/10/2019	9/24/2019	11/11/2019	2/3/2020
Semi-volatile Organic Compounds (SVOCs)																									
1,4-Dioxane	µg/l	350	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 UB	< 2.0	< 2.0	< 2.0	7.2	3.9	5.8	3.9	5.0	2.7	5.3	4.6	2.8	2.2	2.0	1.8 J
Volatile Organic Compounds (VOCs)																									
1,1,1-Trichloroethane	µg/l	200	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 10	< 13	< 33	< 33	< 25	< 25	< 100 J	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	< 33	< 20	0.57 J	< 13	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	< 250	< 330	15 J	< 330
1,2,3-Trimethylbenzene	µg/l	NS	< 50	< 63	< 170	< 170	< 130	< 130	< 500	NA	NA	NA	NA	< 3,100	< 2,500	< 2,000	< 5,000	< 2,500	< 1,300	< 2,500	< 1,700	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 10	< 13	< 33	< 33	< 25	< 25	< 100 J	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 100	< 130	< 330	< 330	< 250	< 250	< 1,000 J	NA	NA	NA	NA	< 6,300	< 5,000	< 4,000	< 10,000	< 5,000	< 2,500	< 5,000	< 3,300 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 100	< 130	< 330	< 330	< 250	< 250	< 1,000 J	NA	NA	NA	NA	< 6,300	< 5,000	< 4,000	< 10,000	< 5,000	< 2,500	< 5,000	< 3,300 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 100	< 130	< 330	68 J	< 250	< 250	< 1,000	NA	NA	NA	NA	< 6,300	< 5,000	< 4,000	< 10,000	< 5,000	< 2,500	< 5,000	< 3,300	NA	NA	NA	NA
Benzene	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Bromoform	µg/l	80	< 10	< 13	< 33	< 33	< 25	< 25	< 100 J	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 50	< 63	< 170	< 170	< 130	< 130	< 500	NA	NA	NA	NA	< 3,100	< 2,500	< 2,000	< 5,000	< 2,500	< 1,300	< 2,500	< 1,700	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Chloroform	µg/l	80	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	17	32	34	68	140	180	150	140	170	180	91	5,200	3,100	6,000	3,500	4,400	4,100	6,900	7,700	3,000	2,800	3,300	2,200
cis-1,3-Dichloropropene	µg/l	NS	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA		

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unif	EGLE Non-Residential Drinking Water Criteria	TW-16-01											TW-16-02											
			12-17											12-17											
			8/2/2017	11/7/2017	2/7/2018	5/15/2018	8/6/2018	10/30/2018	2/26/2019	6/10/2019	9/24/2019	11/11/2019	2/7/2020	4/25/2017	8/2/2017	11/7/2017	2/14/2018	5/11/2018	8/6/2018	10/30/2018	2/26/2019	6/10/2019	9/24/2019	11/11/2019	2/3/2020
Methyl-tert-butyl ether	µg/l	40	< 10	< 13	< 33	< 33 J	< 25	< 25	< 100 J	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	< 33	< 20	< 1.0	< 13	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	< 250	< 330	< 25	< 330
Toluene	µg/l	790	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 20	< 25	< 67	< 67	< 50	< 50	< 200	NA	NA	NA	NA	< 1,300	< 1,000	< 800	< 2,000	< 1,000	< 500	< 1,000	< 670	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 10	< 13	< 33	11 J	7.5 J	14 J	22 J	8.0 J	< 20	4.9	< 13	< 630	< 500	< 400	< 1,000	< 500	56 J	< 500	130 J	< 250	< 330	48	< 330
trans-1,3-Dichloropropene	µg/l	NS	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	15 J	< 33	< 20	< 1.0	< 13	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	< 250	< 330	< 25	< 330
Vinyl chloride	µg/l	2.0	210	320	380	720	680	830	750	550	420	480	370	15,000	12,000	13,000	9,100	8,500	7,300	12,000	8,900	5,800	7,600	5,700	7,000
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	EGLE Non-Residential Drinking Water Criteria	TW-16-03											TW-16-04												
			9-19											9-19												
			8/3/2017	11/8/2017	2/14/2018	5/11/2018	8/8/2018	10/30/2018	2/25/2019	6/11/2019	9/27/2019	11/14/2019	2/11/2020	4/25/2017	8/3/2017	11/8/2017	2/14/2018	5/11/2018	8/8/2018	10/30/2018	2/25/2019	6/11/2019	9/27/2019	11/14/2019	2/4/2020	
Semi-volatile Organic Compounds (SVOCs)																										
1,4-Dioxane	µg/l	350	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	1.0 J	1.1 J	< 2.0	< 2.0	0.93 J	0.43 J	< 2.0	1.7 J	< 2.0 UB	0.89 J	< 2.0	< 2.0	1.2 J	1.5 J	1.2 J	1.1 J	< 2.0	0.86 J	< 2.0
Volatile Organic Compounds (VOCs)																										
1,1,1-Trichloroethane	µg/l	200	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	µg/l	35	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7 J	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,1,2-Trichloroethane	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,1-Dichloroethane	µg/l	2,500	< 4.0	< 3.3	< 10	< 2.5	0.44 J	< 6.7	0.43 J	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	0.50 J	< 3.3	< 3.3	NA	NA	NA	NA	
1,1-Dichloroethene	µg/l	7.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	< 2.5	< 2.5	< 1.0	< 2.5	
1,2,3-Trimethylbenzene	µg/l	NS	< 20	< 17	< 50	< 13	< 10	< 33	< 8.4	NA	NA	NA	NA	< 20	< 20	< 33	< 33	< 13	< 5.0	< 17	< 17	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	µg/l	70	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	µg/l	63	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,2-Dibromoethane	µg/l	0.05	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,2-Dichlorobenzene	µg/l	600	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,2-Dichloroethane	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,2-Dichloropropane	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	µg/l	72	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,3-Dichlorobenzene	µg/l	19	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
1,4-Dichlorobenzene	µg/l	75	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
2-Butanone (MEK)	µg/l	38,000	< 40	< 33	< 100	< 25	< 20	< 67	< 17 J	NA	NA	NA	NA	< 40	< 40	< 67	< 67	< 25	< 10	< 33	< 33	NA	NA	NA	NA	
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 40	< 33	< 100	< 25	< 20	< 67	< 17 J	NA	NA	NA	NA	< 40	< 40	< 67	< 67	< 25	< 10	< 33	< 33	NA	NA	NA	NA	
Acetone	µg/l	2,100	< 40	< 33	< 100	< 25	< 20	< 67	< 17	NA	NA	NA	NA	< 40	< 40	< 67	< 67	< 25	5.5 J	< 33	< 33	NA	NA	NA	NA	
Benzene	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Bromodichloromethane	µg/l	80	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Bromoform	µg/l	80	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7 J	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Bromomethane	µg/l	29	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Carbon Disulfide	µg/l	2,300	< 20	< 17	< 50	< 13	< 10	< 33	< 8.4	NA	NA	NA	NA	< 20	< 20	< 33	< 33	< 13	< 5.0	< 17	< 17	NA	NA	NA	NA	
Carbon Tetrachloride	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Chlorobenzene	µg/l	100	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Chlorodibromomethane	µg/l	80	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Chloroethane	µg/l	1,700	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Chloroform	µg/l	80	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Chloromethane	µg/l	1,100	< 4.0	< 3.3 J	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7 J	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
cis-1,2-Dichloroethene	µg/l	70	37	36	40	39	36	42	33	14	35	52	33	20	18	23	25	20	21	20	14	14	13	20	12	
cis-1,3-Dichloropropene	µg/l	NS	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Cyclohexane	µg/l	NS	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	
Dichlor																										

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unif	EGLE Non-Residential Drinking Water Criteria	TW-16-03											TW-16-04											
			9-19											9-19											
			8/3/2017	11/8/2017	2/14/2018	5/11/2018	8/8/2018	10/30/2018	2/25/2019	6/11/2019	9/27/2019	11/14/2019	2/11/2020	4/25/2017	8/3/2017	11/8/2017	2/14/2018	5/11/2018	8/8/2018	10/30/2018	2/25/2019	6/11/2019	9/27/2019	11/14/2019	2/4/2020
Methyl-tert-butyl ether	µg/l	40	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	< 2.5	< 2.5	< 1.0	< 2.5
Toluene	µg/l	790	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 8.0	< 6.7	< 20	< 5.0	< 4.0	< 13	< 3.3	NA	NA	NA	NA	< 8.0	< 8.0	< 13	< 13	< 5.0	< 2.0	< 6.7	< 6.7	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	< 2.5	< 2.5	< 1.0	< 2.5
trans-1,3-Dichloropropene	µg/l	NS	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	< 2.5	< 2.5	< 1.0	< 2.5
Vinyl chloride	µg/l	2.0	100	77	95	78	76	97	48	20	53	87	82	150	120	100	77	65	63	90	65	51	49	46	22
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Table includes routine data collected from onsite monitoring wells. Lack of a May 2020 date indicates that it was not sampled during the second quarter of 2020.
Results are compared to EGLE Part 201 Generic Cleanup Criteria, June 2018.
Bold Result denotes exceedance of EGLE Non-Residential Drinking Water Criteria.
< Denotes not detected above reporting limit.

Abbreviations:
EGLE Michigan Department of Environment, Great Lakes, and Energy
ft. bgs feet below ground surface
J estimated result
UB analyte considered non-detect at the value listed due to associated blank contamination
NA not analyzed/not available
NA* result not reported due to laboratory instrument calibration
NS no standard / not sampled
mg/l milligrams per liter
µg/l micrograms per liter

Analytical Methods:
8260B SIM for Semi-volatile Organic Compounds (SVOCs)
8260B for Volatile Organic Compounds (VOCs)
RSK-175 for Dissolved Gases
6020 for Metals
5310C-2000 for Dissolved Organic Carbon (DOC)/Total Organic Carbon/Persulfate
9056A for Anions

This document is a DRAFT document that has not received approval from the Michigan Department of Environment, Great Lakes, and Energy (EGLE). This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.

Table 3
Off-Site 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.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-72	668.81	15.0-20.0	05/22/17	NP	6.98	19.31	NA	661.83	661.83
			07/24/17	NP	8.60	19.60	NA	660.21	660.21
			11/06/17	NP	9.20	19.54	NA	659.61	659.61
			02/05/18	NP	8.58	19.86	NA	660.23	660.23
			05/07/18	NP	6.83	19.63	NA	661.98	661.98
			08/16/18	NP	8.68	NM	NA	660.13	660.13
			11/19/18	NP	7.72	19.64	NA	661.09	661.09
			02/22/19	NP	7.48	19.61	NA	661.33	661.33
			06/14/19	NP	6.86	19.65	NA	661.95	661.95
			09/26/19	NP	9.98	19.63	NA	658.83	658.83
			11/04/19	NP	8.57	19.62	NA	660.24	660.24
			02/05/20	NP	7.23	NM	NA	661.58	661.58
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
MW-72S	668.96	3.0-13.0	03/05/19	NP	7.56	13.05	NA	661.40	661.40
			06/14/19	NP	7.00	13.03	NA	661.96	661.96
			09/26/19	NP	9.32	13.03	NA	659.64	659.64
			11/04/19	NP	8.76	13.03	NA	660.20	660.20
			02/05/20	NP	7.42	NM	NA	661.54	661.54
			05/18/20	NP	7.29	13.02	NA	661.67	661.67
			05/22/17	NP	4.72	11.31	NA	662.17	662.17
MW-73S	666.89	7.0-12.0	07/24/17	NP	6.38	11.48	NA	660.51	660.51
			11/06/17	NP	6.94	11.42	NA	659.95	659.95
			02/05/18	NP	6.30	11.62	NA	660.59	660.59
			05/07/18	NP	4.77	11.55	NA	662.12	662.12
			08/16/18	NP	6.25	NM	NA	660.64	660.64
			11/19/18	NP	5.45	11.54	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	661.44	661.44
			06/14/19	NP	4.80	12.40	NA	662.20	662.20
			09/26/19	NP	6.82	12.49	NA	660.18	660.18
			11/04/19	NP	6.43	12.40	NA	660.57	660.57
			02/05/20	NP	5.36	NM	NA	661.64	661.64
			05/18/20	NP	5.14	12.38	NA	661.86	661.86
			05/22/17	NP	4.98	17.21	NA	662.05	662.05
MW-73D	667.03	13.5-18.5	07/24/17	NP	6.64	17.47	NA	660.39	660.39
			11/06/17	NP	7.22	17.38	NA	659.81	659.81
			02/05/18	NP	6.54	17.52	NA	660.49	660.49
			05/07/18	NP	5.02	17.36	NA	662.01	662.01
			08/16/18	NP	6.49	NM	NA	660.54	660.54
			11/19/18	NP	5.73	17.35	NA	661.30	661.30
			02/22/19	NP	5.54	17.37	NA	661.49	661.49
			06/14/19	NP	4.79	17.37	NA	662.24	662.24
			09/26/19	NP	7.84	17.39	NA	659.19	659.19
			11/04/19	NP	6.39	17.38	NA	660.64	660.64
			02/05/20	NP	5.34	NM	NA	661.69	661.69
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
			05/22/17	NP	5.94	18.52	NA	661.96	661.96
			07/24/17	NP	7.47	18.81	NA	660.43	660.43
			11/06/17	NP	8.12	18.76	NA	659.78	659.78
MW-74	667.90	14.0-19.0	02/05/18	NP	7.49	18.85	NA	660.41	660.41
			05/07/18	NP	5.95	18.77	NA	661.95	661.95
			08/16/18	NP	7.38	NM	NA	660.52	660.52
			11/19/18	NP	6.25	18.77	NA	661.65	661.65
			02/22/19	NP	6.45	18.76	NA	661.45	661.45
			06/14/19	NP	5.63	18.76	NA	662.27	662.27
			09/26/19	NP	7.48	18.78	NA	660.42	660.42
			11/04/19	NP	7.31	18.78	NA	660.59	660.59
			02/05/20	NP	6.29	NM	NA	661.61	661.61
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
			02/22/19	NP	6.44	12.78	NA	661.49	661.49
			06/14/19	NP	5.65	12.77	NA	662.28	662.28
MW-74S	667.93	3.0-13.0	09/26/19	NP	7.49	12.76	NA	660.44	660.44
			11/04/19	NP	7.31	12.79	NA	660.62	660.62
			02/05/20	NP	6.27	NM	NA	661.66	661.66
			05/18/20	NP	6.28	12.78	NA	661.65	661.65

See Notes on Last Page.

Table 3
Off-Site 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.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-75S	666.86	5.0-10.0	05/22/17	NP	5.16	9.23	NA	661.70	661.70
			07/24/17	NP	6.15	9.48	NA	660.71	660.71
			11/06/17	NP	6.83	9.43	NA	660.03	660.03
			02/05/18	NP	6.56	9.82	NA	660.30	660.30
			05/07/18	NP	5.08	9.67	NA	661.78	661.78
			08/16/18	NP	5.81	NM	NA	661.05	661.05
			11/19/18	NP	5.47	9.62	NA	661.39	661.39
			12/10/18	Monitoring Well Abandoned					
MW-75SR	666.96	2.5-12.5	02/22/19	NP	5.60	12.38	NA	661.36	661.36
			06/14/19	NP	4.63	12.36	NA	662.33	662.33
			09/26/19	NP	6.26	12.38	NA	660.70	660.70
			11/04/19	NP	5.98	12.37	NA	660.98	660.98
			02/05/20	NP	5.34	NM	NA	661.62	661.62
			05/18/20	NM	NM	NM	NM	NM	NM
			05/22/17	NP	5.20	16.59	NA	661.69	661.69
			07/24/17	NP	6.19	16.78	NA	660.70	660.70
MW-75D	666.89	12.0-17.0	11/06/17	NP	6.81	17.80	NA	660.08	660.08
			02/05/18	NP	6.59	16.83	NA	660.30	660.30
			05/07/18	NP	5.04	16.77	NA	661.85	661.85
			08/16/18	NP	6.09	NM	NA	660.80	660.80
			11/19/18	NP	5.51	17.74	NA	661.38	661.38
			02/22/19	NP	5.72	16.78	NA	661.17	661.17
			06/14/19	NP	4.57	16.74	NA	662.32	662.32
			09/26/19	NP	6.26	16.70	NA	660.63	660.63
			11/04/19	NP	5.89	16.66	NA	661.00	661.00
			02/05/20	NP	5.35	NM	NA	661.54	661.54
			05/18/20	NP	5.55	16.66	NA	661.34	661.34
			05/22/17	NP	9.43	19.44	NA	660.67	660.67
			07/24/17	NP	10.05	19.73	NA	660.05	660.05
			11/06/17	NP	10.73	19.66	NA	659.37	659.37
MW-76	670.10	15.0-20.0	02/05/18	NP	10.89	19.71	NA	659.21	659.21
			05/07/18	NP	9.34	19.64	NA	660.76	660.76
			08/16/18	NP	9.59	NM	NA	660.51	660.51
			11/19/18	NP	9.25	19.60	NA	660.85	660.85
			02/22/19	NP	9.75	19.62	NA	660.35	660.35
			06/14/19	NP	8.56	19.61	NA	661.54	661.54
			09/26/19	NP	9.78	19.63	NA	660.32	660.32
			11/04/19	NP	9.74	19.62	NA	660.36	660.36
			02/05/20	NP	9.36	NM	NA	660.74	660.74
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
			02/22/19	NP	9.64	14.15	NA	660.34	660.34
			06/14/19	NP	8.55	14.50	NA	661.43	661.43
			09/26/19	NP	9.65	14.17	NA	660.33	660.33
			11/04/19	NP	9.63	14.15	NA	660.35	660.35
MW-76S	669.98	4.5-14.5	02/05/20	NP	9.24	NM	NA	660.74	660.74
			05/18/20	NP	9.33	14.19	NA	660.65	660.65
			05/22/17	NP	4.59	13.45	NA	655.97	655.97
			07/24/17	NP	5.90	13.75	NA	654.66	654.66
			11/06/17	NP	6.30	13.67	NA	654.26	654.26
			02/05/18	NP	5.43	13.75	NA	655.13	655.13
			05/07/18	NP	4.28	13.70	NA	656.28	656.28
			08/16/18	NP	5.88	NM	NA	654.68	654.68
MW-77	660.56	9.0-14.0	11/19/18	NP	4.59	13.69	NA	655.97	655.97
			02/22/19	NP	4.64	13.72	NA	655.92	655.92
			06/14/19	NP	4.23	13.71	NA	656.33	656.33
			09/26/19	NP	5.97	13.72	NA	654.59	654.59
			11/04/19	NP	5.21	13.70	NA	655.35	655.35
			02/05/20	NP	4.29	NM	NA	656.27	656.27
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
			02/22/19	NP	4.53	12.16	NA	656.02	656.02
			06/14/19	NP	4.12	12.14	NA	656.43	656.43
			09/26/19	NP	5.89	12.17	NA	654.66	654.66
			11/04/19	NP	5.15	12.15	NA	655.40	655.40
			02/05/20	NP	5.03	NM	NA	655.52	655.52
			05/18/20	NP	4.19	12.17	NA	656.36	656.36
MW-77S	660.55	2.5-12.5	05/22/17	NP	5.16	9.23	NA	661.70	661.70
			07/24/17	NP	6.15	9.48	NA	660.71	660.71
			11/06/17	NP	6.83	9.43	NA	660.03	660.03
			02/05/18	NP	6.56	9.82	NA	660.30	660.30
			05/07/18	NP	5.08	9.67	NA	661.78	661.78

See Notes on Last Page.

Table 3
Off-Site 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.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-78	657.23	7.0-12.0	05/22/17	NP	1.78	11.47	NA	655.45	655.45
			07/24/17	NP	3.55	11.79	NA	653.68	653.68
			11/06/17	NP	3.50	11.72	NA	653.73	653.73
			02/05/18	NP	3.09	11.80	NA	654.14	654.14
			05/07/18	NP	1.54	11.75	NA	655.69	655.69
			08/16/18	NP	3.53	NM	NA	653.70	653.70
			11/19/18	NP	1.68	11.71	NA	655.55	655.55
			02/22/19	NP	2.02	11.75	NA	655.21	655.21
			06/14/19	NP	1.19	11.75	NA	656.04	656.04
			09/26/19	NP	3.71	11.77	NA	653.52	653.52
			11/04/19	NP	2.70	11.76	NA	654.53	654.53
			02/05/20	NP	1.66	NM	NA	655.57	655.57
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
			02/22/19	NP	2.37	12.40	NA	655.24	655.24
MW-78S	657.61	2.5-12.5	06/14/19	NP	1.51	12.38	NA	656.10	656.10
			09/26/19	NP	3.45	12.41	NA	654.16	654.16
			11/04/19	NP	3.05	12.40	NA	654.56	654.56
			02/05/20	NP	1.98	NM	NA	655.63	655.63
			05/18/20	NP	1.55	12.40	NA	656.06	656.06
			05/22/17	NP	4.15	9.49	NA	658.95	658.95
MW-79S	663.10	5.0-10.0	07/24/17	NP	6.37	9.76	NA	656.73	656.73
			11/06/17	NP	6.56	9.71	NA	656.54	656.54
			02/05/18	NP	5.46	9.78	NA	657.64	657.64
			05/07/18	NP	3.49	9.73	NA	659.61	659.61
			08/16/18	NP	6.40	NM	NA	656.70	656.70
			11/19/18	NP	4.50	9.71	NA	658.60	658.60
			12/10/18	Monitoring Well Abandoned					
			02/22/19	NP	4.19	12.28	NA	658.87	658.87
MW-79SR	663.06	2.5-12.5	06/14/19	NP	3.50	12.50	NA	659.56	659.56
			09/26/19	NP	6.52	12.26	NA	656.54	656.54
			11/04/19	NP	5.65	12.25	NA	657.41	657.41
			02/05/20	NP	3.59	NM	NA	659.47	659.47
			05/18/20	NP	3.37	12.26	NA	659.69	659.69
			05/22/17	NP	4.20	14.38	NA	659.15	659.15
MW-79D	663.35	10.0-15.0	07/24/17	NP	6.45	14.66	NA	656.90	656.90
			11/06/17	NP	6.62	14.60	NA	656.73	656.73
			02/05/18	NP	5.51	14.69	NA	657.84	657.84
			05/07/18	NP	3.55	14.62	NA	659.80	659.80
			08/16/18	NP	6.49	NM	NA	656.86	656.86
			11/19/18	NP	4.58	14.60	NA	658.77	658.77
			02/22/19	NP	4.33	14.64	NA	659.02	659.02
			06/14/19	NP	3.63	14.62	NA	659.72	659.72
			09/26/19	NP	6.66	14.64	NA	656.69	656.69
			11/04/19	NP	5.80	14.63	NA	657.55	657.55
			02/05/20	NP	3.69	NM	NA	659.66	659.66
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
			05/22/17	NP	2.41	11.29	NA	653.67	653.67
			07/24/17	NP	4.19	11.50	NA	651.89	651.89
MW-80S	656.08	7.0-12.0	11/06/17	NP	3.41	11.53	NA	652.67	652.67
			02/05/18	NP	2.86	11.81	NA	653.22	653.22
			05/07/18	NP	1.23	11.56	NA	654.85	654.85
			08/16/18	NP	4.14	NM	NA	651.94	651.94
			11/19/18	NP	2.17	11.53	NA	653.91	653.91
			12/10/18	Monitoring Well Abandoned					
			03/06/19	NP	2.43	12.21	NA	653.80	653.80
			06/14/19	NP	1.39	12.24	NA	654.84	654.84
MW-80SR	656.23	2.5-12.5	09/26/19	NP	4.41	12.24	NA	651.82	651.82
			11/04/19	NP	2.80	12.22	NA	653.43	653.43
			02/05/20	NP	1.35	NM	NA	654.88	654.88
			05/18/20	NP	1.13	12.24	NA	655.10	655.10

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Table 3
Off-Site 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.)	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	651.27	651.27
			07/24/17	NP	7.24	12.70	NA	650.08	650.08
			11/06/17	NP	8.27	12.63	NA	649.05	649.05
			02/05/18	NP	7.29	12.71	NA	650.03	650.03
			05/07/18	NP	5.98	12.66	NA	651.34	651.34
			08/16/18	NP	7.40	NM	NA	649.92	649.92
			11/19/18	NP	6.62	12.64	NA	650.70	650.70
			02/22/19	NP	6.19	12.67	NA	651.13	651.13
			06/14/19	NP	5.85	12.65	NA	651.47	651.47
			09/26/19	NP	7.62	12.68	NA	649.70	649.70
			11/04/19	NP	7.31	12.68	NA	650.01	650.01
			02/05/20	NP	6.23	NM	NA	651.09	651.09
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
			02/22/19	NP	6.49	12.52	NA	651.18	651.18
MW-81S	657.67	2.5-12.5	06/14/19	NP	5.18	12.51	NA	652.49	652.49
			09/26/19	NP	7.83	12.52	NA	649.84	649.84
			11/04/19	NP	7.60	12.54	NA	650.07	650.07
			02/05/20	NP	6.26	NM	NA	651.41	651.41
			05/18/20	NP	6.21	12.54	NA	651.46	651.46
			05/22/17	NP	6.93	13.12	NA	651.70	651.70
MW-82S	658.63	9.0-14.0	07/24/17	NP	8.24	11.50	NA	650.39	650.39
			11/06/17	NP	9.08	13.34	NA	649.55	649.55
			02/05/18	NP	8.32	13.44	NA	650.31	650.31
			05/07/18	NP	7.10	13.36	NA	651.53	651.53
			08/16/18	NP	8.38	NM	NA	650.25	650.25
			11/19/18	NP	7.62	13.37	NA	651.01	651.01
MW-82SR	658.92	5.0-15.0	12/10/18	Monitoring Well Abandoned					
			02/22/19	NP	7.47	16.12	NA	651.45	651.45
			06/14/19	NP	6.85	15.10	NA	652.07	652.07
			09/26/19	NP	8.65	16.12	NA	650.27	650.27
			11/04/19	NP	8.27	16.12	NA	650.65	650.65
			02/05/20	NP	6.94	NM	NA	651.98	651.98
MW-82D	658.45	18.0-23.0	05/18/20	NP	6.92	16.15	NA	652.00	652.00
			05/22/17	NP	7.34	22.45	NA	651.11	651.11
			07/24/17	NP	8.50	22.80	NA	649.95	649.95
			11/06/17	NP	9.41	22.72	NA	649.04	649.04
			02/05/18	NP	8.65	22.81	NA	649.80	649.80
			05/07/18	NP	7.33	22.74	NA	651.12	651.12
			08/16/18	NP	8.49	NM	NA	649.96	649.96
			11/19/18	NP	7.59	22.70	NA	650.86	650.86
			03/06/19	NP	7.65	23.00	NA	650.80	650.80
			06/14/19	NP	7.10	22.70	NA	651.35	651.35
			09/26/19	NP	8.65	22.75	NA	649.80	649.80
			11/04/19	NP	8.38	22.73	NA	650.07	650.07
			02/05/20	NP	7.16	NM	NA	651.29	651.29
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
MW-83 ⁽¹⁾	660.09	8.0-13.0	05/22/17	NP	6.46	12.11	NA	653.63	653.63
			07/24/17	NP	7.61	12.44	NA	652.48	652.48
			11/06/17	NP	8.08	12.46	NA	652.01	652.01
			02/05/18	NP	7.53	12.48	NA	652.56	652.56
			05/07/18	NP	6.28	12.43	NA	653.81	653.81
			08/16/18	NP	7.71	NM	NA	652.38	652.38
			11/19/18	NP	6.78	12.38	NA	653.31	653.31
			02/22/19	NP	6.71	12.40	NA	653.38	653.38
			06/14/19	NP	6.25	12.40	NA	653.84	653.84
			09/26/19	NP	7.95	12.41	NA	652.14	652.14
			11/04/19	NP	7.36	12.43	NA	652.73	652.73
			02/05/20	NP	6.35	NM	NA	653.74	653.74
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
			02/22/19	NP	6.87	12.80	NA	653.39	653.39
MW-83S	660.26	3.0-13.0	06/14/19	NP	6.41	12.80	NA	653.85	653.85
			09/26/19	NP	8.12	12.79	NA	652.14	652.14
			11/04/19	NP	7.49	12.79	NA	652.77	652.77
			02/05/20	NP	6.43	NM	NA	653.83	653.83
			05/18/20	NP	6.62	12.80	NA	653.64	653.64

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Table 3
Off-Site 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.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-84	662.50	8.0-13.0	05/22/17	NP	3.26	12.28	NA	659.24	659.24
			07/24/17	NP	5.19	12.59	NA	657.31	657.31
			11/06/17	NP	5.54	12.52	NA	656.96	656.96
			02/05/18	NP	4.60	12.60	NA	657.90	657.90
			05/07/18	NP	2.90	12.55	NA	659.60	659.60
			08/16/18	NP	5.22	NM	NA	657.28	657.28
			11/19/18	NP	3.56	12.54	NA	658.94	658.94
			02/22/19	NP	3.50	12.56	NA	659.00	659.00
			06/14/19	NP	2.71	12.50	NA	659.79	659.79
			09/26/19	NP	5.38	12.55	NA	657.12	657.12
			11/04/19	NP	4.58	12.57	NA	657.92	657.92
			02/05/20	NP	2.94	NM	NA	659.56	659.56
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
			02/22/19	NP	3.67	12.71	NA	659.02	659.02
MW-84S	662.69	2.5-12.5	06/14/19	NP	2.85	12.72	NA	659.84	659.84
			09/26/19	NP	5.54	12.72	NA	657.15	657.15
			11/04/19	NP	4.74	12.71	NA	657.95	657.95
			02/05/20	NP	3.36	NM	NA	659.33	659.33
			05/18/20	NP	2.96	12.72	NA	659.73	659.73
			05/22/17	NP	4.71	12.43	NA	654.14	654.14
MW-85	658.85	8.0-13.0	07/24/17	NP	6.12	12.75	NA	652.73	652.73
			11/06/17	NP	6.34	12.70	NA	652.51	652.51
			02/05/18	NP	5.53	12.76	NA	653.32	653.32
			05/07/18	NP	4.16	12.69	NA	654.69	654.69
			08/16/18	NP	6.12	NM	NA	652.73	652.73
			11/19/18	NP	5.33	12.66	NA	653.52	653.52
			02/22/19	NP	4.75	12.70	NA	654.10	654.10
			06/14/19	NP	4.50	12.70	NA	654.35	654.35
			09/26/19	NP	6.32	12.69	NA	652.53	652.53
			11/04/19	NP	5.97	12.69	NA	652.88	652.88
			02/05/20	NP	4.40	NM	NA	654.45	654.45
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
MW-85S	NS	2.5-12.5	12/07/18	NP	5.42	12.35	NA	NA	NA
			03/01/19	Monitoring Well Abandoned					
MW-85SR	658.99	4.5-9.5	06/14/19	NP	4.70	8.45	NA	654.29	654.29
			09/26/19	NP	6.45	8.45	NA	652.54	652.54
			11/04/19	NP	6.08	8.45	NA	652.91	652.91
			02/05/20	NP	4.57	NM	NA	654.42	654.42
			05/18/20	NP	4.50	8.48	NA	654.49	654.49
			05/22/17	NP	6.25	16.35	NA	652.74	652.74
MW-86	666.11	12.0-17.0	07/24/17	NP	8.07	16.66	NA	650.92	650.92
			11/06/17	NP	8.70	16.58	NA	657.41	657.41
			02/05/18	NP	7.87	16.72	NA	658.24	658.24
			05/07/18	NP	6.03	16.60	NA	660.08	660.08
			08/16/18	NP	8.06	NM	NA	658.05	658.05
			11/19/19	NP	6.66	16.59	NA	659.45	659.45
			02/22/19	NP	6.67	16.61	NA	659.44	659.44
			06/14/19	NP	5.78	16.64	NA	660.33	660.33
			09/26/19	NP	8.15	16.61	NA	657.96	657.96
			11/04/19	NP	7.60	16.62	NA	658.51	658.51
			02/05/20	NP	5.92	NM	NA	660.19	660.19
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
MW-86S	666.14	2.5-12.5	02/22/19	NP	6.83	12.33	NA	659.31	659.31
			06/14/19	NP	5.93	12.33	NA	660.21	660.21
			09/26/19	NP	8.33	12.36	NA	657.81	657.81
			11/04/19	NP	7.80	12.34	NA	658.34	658.34
			02/05/20	NP	6.09	NM	NA	660.05	660.05
			05/18/20	NP	6.43	12.34	NA	659.71	659.71

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Table 3
Off-Site 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.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-87	668.81	14.0-19.0	05/22/17	NP	9.41	18.55	NA	659.40	659.40
			07/24/17	NP	10.65	18.85	NA	658.16	658.16
			11/06/17	NP	11.42	18.79	NA	657.39	657.39
			02/05/18	NP	11.06	18.86	NA	657.75	657.75
			05/07/18	NP	9.39	18.80	NA	659.42	659.42
			08/16/18	NP	10.61	NM	NA	658.20	658.20
			11/19/18	NP	9.68	18.79	NA	659.13	659.13
			11/20/18	NP	6.62	12.86	NA	662.19	662.19
			11/20/18	NP	4.40	12.63	NA	664.41	664.41
			11/20/18	NP	2.38	12.15	NA	666.43	666.43
			11/20/18	NM	NM	NM	NA	NA	NA
			11/20/18	NP	5.14	12.08	NA	663.67	663.67
			11/20/18	NP	6.50	12.02	NA	662.31	662.31
			11/20/18	NP	5.69	12.24	NA	663.12	663.12
			11/20/18	NP	3.58	12.02	NA	665.23	665.23
			02/22/19	NP	9.79	18.82	NA	659.02	659.02
			06/14/19	NP	8.75	18.81	NA	660.06	660.06
			09/26/19	NP	10.45	18.83	NA	658.36	658.36
			11/04/19	NP	10.15	18.82	NA	658.66	658.66
			02/05/20	NP	9.05	NM	NA	659.76	659.76
MW-87S	668.65	4.5-14.5	05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
			02/22/19	NP	9.95	14.14	NA	658.70	658.70
			06/14/19	NP	8.55	14.12	NA	660.10	660.10
			09/26/19	NP	10.28	14.10	NA	658.37	658.37
			11/04/19	NP	9.98	13.82 ⁽²⁾	NA	658.67	658.67
			02/05/20	NP	9.83	NM	NA	658.82	658.82
			05/18/20	NP	8.98	14.13	NA	659.67	659.67
MW-96S	662.21	2.5-12.5	02/22/19	NP	5.13	12.10	NA	657.08	657.08
			06/14/19	NP	4.57	12.08	NA	657.64	657.64
			09/26/19	NP	6.74	12.09	NA	655.47	655.47
			11/04/19	NP	6.01	12.10	NA	656.20	656.20
			02/05/20	NP	4.58	NM	NA	657.63	657.63
			05/18/20	NP	4.64	12.99	NA	657.57	657.57
			03/06/19	NP	4.47	11.96	NA	655.60	655.60
MW-97S	660.07	2.5-12.5	06/14/19	NP	3.96	12.01	NA	656.11	656.11
			09/26/19	NP	5.72	12.01	NA	654.35	654.35
			11/04/19	NP	4.98	12.01	NA	655.09	655.09
			02/05/20	NP	4.43	NM	NA	655.64	655.64
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
			02/22/19	NP	1.60	12.09	NA	654.50	654.50
			06/14/19	NP	0.79	12.10	NA	655.31	655.31
MW-98S	656.10	2.5-12.5	09/26/19	NP	3.23	12.09	NA	652.87	652.87
			11/04/19	NP	2.10	12.09	NA	654.00	654.00
			02/05/20	NP	1.21	NM	NA	654.89	654.89
			05/18/20	NP	0.85	12.09	NA	655.25	655.25
			02/22/19	NP	6.00	12.84	NA	661.38	661.38
			06/14/19	NP	5.20	12.86	NA	662.18	662.18
			09/26/19	NP	6.89	12.85	NA	660.49	660.49
MW-99S	667.38	3.0-13.0	11/04/19	NP	6.71	12.87	NA	660.67	660.67
			02/05/20	NP	5.83	NM	NA	661.55	661.55
			05/18/20	NP	5.81	12.88	NA	661.57	661.57
			02/22/19	NP	6.64	12.90	NA	661.00	661.00
			06/14/19	NP	5.53	12.88	NA	662.11	662.11
			09/26/19	NP	6.98	12.89	NA	660.66	660.66
			11/04/19	NP	6.76	12.90	NA	660.88	660.88
MW-100S	667.64	3.0-13.0	02/05/20	NP	6.33	NM	NA	661.31	661.31
			05/18/20	NP	6.38	12.90	NA	661.26	661.26
			03/06/19	NP	8.21	14.01	NA	660.61	660.61
			06/14/19	NP	7.78	14.07	NA	661.04	661.04
			09/26/19	NP	8.33	14.06	NA	660.49	660.49
			11/04/19	NP	8.26	14.06	NA	660.56	660.56
			02/05/20	NP	7.91	NM	NA	660.91	660.91
MW-101S	668.82	4.5-14.5	05/18/20	NP	7.95	14.07	NA	660.87	660.87
			02/22/19	NP	1.17	14.65	NA	659.70	659.70
			06/14/19	NP	0.70	14.65	NA	660.17	660.17
			09/26/19	NP	3.20	13.64	NA	657.67	657.67
			11/04/19	NP	2.34	14.63	NA	658.53	658.53
			02/05/20	NP	1.03	NM	NA	659.84	659.84
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
MW-102	660.87	10.0-15.0	02/22/19	NP	1.17	14.65	NA	659.70	659.70
			06/14/19	NP	0.70	14.65	NA	660.17	660.17
			09/26/19	NP	3.20	13.64	NA	657.67	657.67
			11/04/19	NP	2.34	14.63	NA	658.53	658.53
			02/05/20	NP	1.03	NM	NA	659.84	659.84
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
			02/22/19	NP	1.17	14.65	NA	659.70	659.70

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Table 3
Off-Site 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.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)	
MW-102S	661.01	2.5-12.5	02/22/19	NP	1.33	12.35	NA	659.68	659.68	
			06/14/19	NP	0.80	12.35	NA	660.21	660.21	
			09/26/19	NP	3.50	12.36	NA	657.51	657.51	
			11/04/19	NP	2.53	12.37	NA	658.48	658.48	
			02/05/20	NP	1.21	NM	NA	659.80	659.80	
			05/18/20	NP	0.30	12.36	NA	660.71	660.71	
MW-105S	661.45	2.5-12.5	02/22/19	NP	2.88	11.80	NA	658.57	658.57	
			06/14/19	NP	2.25	11.80	NA	659.20	659.20	
			09/26/19	NP	4.70	11.72	NA	656.75	656.75	
			11/04/19	NP	3.85	11.79	NA	657.60	657.60	
			02/05/20	NP	2.59	NM	NA	658.86	658.86	
			05/18/20	NP	1.69	11.75	NA	659.76	659.76	
MW-106S	655.03	2.5-12.5	02/22/19	NP	2.76	11.70	NA	652.27	652.27	
			06/14/19	NP	2.18	11.65	NA	652.85	652.85	
			09/26/19	NP	4.49	11.64	NA	650.54	650.54	
			11/04/19	NP	3.40	11.62	NA	651.63	651.63	
			02/05/20	NP	2.54	NM	NA	652.49	652.49	
			05/18/20	NP	2.20	11.67	NA	652.83	652.83	
MW-107S	657.86	2.5-12.5	02/22/19	NP	5.52	12.20	NA	652.34	652.34	
			06/14/19	NP	5.11	12.50	NA	652.75	652.75	
			09/26/19	NP	6.55	12.16	NA	651.31	651.31	
			11/04/19	NP	5.93	12.15	NA	651.93	651.93	
			02/05/20	NP	5.86	NM	NA	652.00	652.00	
			05/18/20	NP	5.18	12.15	NA	652.68	652.68	
MW-108S	656.95	2.5-12.5	02/22/19	Could Not Locate						
			06/14/19	NP	3.05	12.25	NA	653.90	653.90	
			09/26/19	NP	5.09	12.26	NA	651.86	651.86	
			11/04/19	NP	4.03	12.27	NA	652.92	652.92	
			02/05/20	NP	2.93	NM	NA	654.02	654.02	
			05/18/20	NP	3.49	12.62	NA	653.46	653.46	
MW-131S	660.96	2.5-12.5	02/22/19	NP	4.13	12.70	NA	656.83	656.83	
			06/14/19	NP	6.70	12.65	NA	654.26	654.26	
			09/26/19	NP	5.88	12.69	NA	655.08	655.08	
			11/04/19	NP	5.32	12.68	NA	655.64	655.64	
			02/05/20	NP	3.78	NM	NA	657.18	657.18	
			05/18/20	NP	3.51	12.71	NA	657.45	657.45	
MW-132S	659.86	2.5-12.5	02/22/19	NP	5.28	12.38	NA	654.58	654.58	
			06/14/19	NP	5.25	12.40	NA	654.61	654.61	
			09/26/19	NP	6.31	12.39	NA	653.55	653.55	
			11/04/19	NP	5.91	12.39	NA	653.95	653.95	
			02/05/20	NP	5.06	NM	NA	654.80	654.80	
			05/18/20	NP	5.20	12.40	NA	654.66	654.66	
MW-133S	657.91	4.0-9.0	06/14/19	NP	5.35	8.55	NA	652.56	652.56	
			09/26/19	NP	7.25	8.55	NA	650.66	650.66	
			11/04/19	NP	6.73	8.56	NA	651.18	651.18	
			02/05/20	NP	5.34	NM	NA	652.57	652.57	
			05/18/20	NP	5.51	8.57	NA	652.40	652.40	
			06/14/19	NP	6.30	9.40	NA	652.45	652.45	
MW-134S	658.75	5.0-10.0	09/26/19	NP	8.19	9.46	NA	650.56	650.56	
			11/04/19	NP	7.71	9.45	NA	651.04	651.04	
			02/05/20	NP	5.23	NM	NA	653.52	653.52	
			05/18/20	NP	6.42	9.48	NA	652.33	652.33	
			06/14/19	NP	5.30	9.70	NA	652.37	652.37	
			09/26/19	NP	7.14	9.68	NA	650.53	650.53	
MW-135S ⁽¹⁾	657.67	5.0-10.0	11/04/19	NP	6.74	9.70	NA	650.70	650.70	
	02/05/20		NP	5.21	NM	NA	652.23	652.23		
MW-136S	655.53		2.0-7.0	05/18/20	NP	5.41	9.71	NA	652.03	652.03
				06/14/19	NP	2.16	7.50	NA	653.37	653.37
				09/26/19	NP	4.66	7.15	NA	650.87	650.87
				11/04/19	NP	3.23	7.14	NA	652.30	652.30
		02/05/20		NP	2.38	NM	NA	653.15	653.15	
		05/18/20		NP	2.11	7.17	NA	653.42	653.42	
MW-137S ⁽¹⁾	656.10	2.0-7.0	06/14/19	NP	1.60	7.20	NA	654.50	654.50	
	09/26/19		NP	4.43	7.10	NA	651.67	651.67		
	11/04/19		NP	3.05	7.03	NA	653.05	653.05		
	02/05/20		NP	1.69	NM	NA	654.41	654.41		
	05/18/20		NP	1.14	7.05	NA	654.96	654.96		
	06/14/19		NP	0.20	5.95	NA	653.72	653.72		
MW-138S	653.92	2.0-7.0	09/26/19	NP	2.68	5.97	NA	651.24	651.24	
			11/04/19	NP	1.16	5.94	NA	652.76	652.76	
			02/05/20	NP	0.67	NM	NA	653.25	653.25	
			05/18/20	NP	0.50	5.98	NA	653.42	653.42	
			06/14/19	NP	1.17	6.90	NA	658.97	658.97	
			09/26/19	NP	4.10	6.90	NA	656.04	656.04	
MW-139S	660.14	2.0-7.0	11/04/19	NP	3.14	6.90	NA	657.00	657.00	
			02/05/20	NP	1.85	NM	NA	658.29	658.29	
			05/18/20	NP	0.95	6.92	NA	659.19	659.19	
			06/14/19	NP	2.46	6.48	NA	659.77	659.77	
			09/26/19	NP	5.29	6.46	NA	656.94	656.94	
			11/04/19	NP	4.40	6.46	NA	657.83	657.83	
MW-140S	662.23	2.0-7.0	02/05/20	NP	2.61	NM	NA	659.62	659.62	
			05/18/20	NP	2.40	6.48	NA	659.83	659.83	
			06/14/19	NP	2.46	6.48	NA	659.77	659.77	
			09/26/19	NP	5.29	6.46	NA	656.94	656.94	
			11/04/19	NP	4.40	6.46	NA	657.83	657.83	
			02/05/20	NP	2.61	NM	NA	659.62	659.62	

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.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-141S	663.67	3.0-8.0	06/14/19	NP	4.00	7.60	NA	659.67	659.67
			09/26/19	NP	7.18	7.68	NA	656.49	656.49
			11/04/19	NP	6.30	7.69	NA	657.37	657.37
			02/05/20	NP	4.45	NM	NA	659.22	659.22
			05/18/20	NP	4.10	7.69	NA	659.57	659.57
MW-142S	657.49	2.5-7.5	06/14/19	NP	3.55	6.75	NA	653.94	653.94
			09/26/19	NP	5.34	6.75	NA	652.15	652.15
			11/04/19	NP	4.51	6.86	NA	652.98	652.98
			02/05/20	NP	3.49	NM	NA	654.00	654.00
			05/18/20	NP	3.32	6.75	NA	654.17	654.17
MW-192S	654.62	2.5-7.5	06/14/19	NP	1.45	7.70	NA	653.17	653.17
			09/26/19	NP	3.10	7.68	NA	651.52	651.52
			11/04/19	NP	2.04	7.63	NA	652.58	652.58
			02/05/20	NP	1.80	NM	NA	652.82	652.82
			05/18/20	NP	1.47	7.72	NA	653.15	653.15
MW-202S	675.53	3.5-8.5	02/05/20	NP	4.57	8.5 ⁽³⁾	NA	670.96	670.96
			05/18/20	NP	4.76	8.43	NA	670.77	670.77
MW-203S	675.15	3.0-8.0	02/05/20	NP	4.10	8.0 ⁽³⁾	NA	671.05	671.05
			05/18/20	NP	4.30	8.22	NA	670.85	670.85
MW-204	676.96	12.0-17.0	02/05/20	NP	5.20	17.0 ⁽³⁾	NA	671.76	671.76
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
MW-204S	677.00	4.0-9.0	02/05/20	NP	5.24	9.0 ⁽³⁾	NA	671.76	671.76
			05/18/20	NP	5.47	8.63	NA	671.53	671.53
MW-205	679.00	12.0-17.0	02/05/20	NP	6.74	17.0 ⁽³⁾	NA	672.26	672.26
			05/18/20	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾	NM ⁽⁴⁾
MW-205S	678.95	4.5-9.5	02/05/20	NP	6.69	9.5 ⁽³⁾	NA	672.26	672.26
			05/18/20	NP	7.03	9.01	NA	671.92	671.92
MW-206S	680.07	6.5-11.5	02/05/20	NP	8.20	11.5 ⁽³⁾	NA	671.87	671.87
			05/18/20	NP	8.51	11.45	NA	671.56	671.56
MW-214S	667.97	5.5-10.5	02/05/20	NP	5.67	8.0 ⁽³⁾	NA	662.30	662.30
			05/18/20	NP	6.34	10.96	NA	661.63	661.63
MW-215S	665.74	3.0-8.0	02/05/20	NP	4.78	10.5 ⁽³⁾	NA	660.96	660.96
			05/18/20	NP	4.65	7.62	NA	661.09	661.09
MW-223S	670.85	8.5-13.5	02/05/20	NP	10.68	13.5 ⁽³⁾	NA	660.17	660.17
			05/18/20	NP	10.67	13.22	NA	660.18	660.18

Notes:

Water level measurements collected from top of well casing.

Table includes data collected from right-of-way monitoring wells and select residential/commercial monitoring wells.

⁽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 11/12/2019.

⁽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.

Abbreviations:

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

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-72 15-20													MW-72S 3-13						
			5/22/2017	7/26/2017	11/7/2017	2/6/2018	5/9/2018	8/10/2018	10/22/2018	3/5/2019	5/17/2019	9/23/2019	11/5/2019	2/13/2020	5/26/2020	12/17/2018	3/5/2019	5/8/2019	9/23/2019	11/6/2019	2/13/2020	5/20/2020
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	1.1 J	0.53 J	0.97 J	0.78 J	0.32 J	1.1 J	1.4 J	0.91 J	< 2.0	< 2.0	0.97 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	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	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	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	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	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 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	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	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/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 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	3.9	2.9	1.6	1.3	1.5 J	1.2	1.1	1.9	1.7	1.5	2.8	2.1	2.1	< 1.0	0.24 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-73D 13.5-18.5													MW-73SR 2.5-12.5							
			5/22/2017	7/26/2017	11/7/2017	2/6/2018	5/9/2018	8/10/2018	10/22/2018	3/4/2019	5/8/2019	9/24/2019	11/11/2019	2/10/2020	5/22/2020	12/17/2018	3/4/2019	5/8/2019	9/24/2019	11/11/2019	2/10/2020	5/22/2020	
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	ug/l	7.2*	3.2	3.1	2.8	1.5 J	3.0	1.9 J	3.8	1.6 J	2.3	3.8	2.8	< 2.0	3.4	0.87 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	ug/l	7.0	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	< 1.0	< 1.0	< 1.0	
cis-1,2-Dichloroethene	ug/l	70	NA	0.45 J	0.50 J	0.43 J	0.35 J	0.56 J	0.19 J	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.3	2.1	1.8	3.0	2.4	1.3	1.6	
Tetrachloroethene	ug/l	5.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
trans-1,2-Dichloroethene	ug/l	100	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	0.43 J	0.25 J	< 1.0	0.35 J	< 1.0	< 1.0	< 1.0	
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.29 J	< 1.0 UB	< 1.0	0.34 J	< 1.0	0.15 J	< 1.0	
Vinyl chloride	ug/l	1.0**	1.1	0.85 J	1.3	0.79 J	0.80 J	0.75 J	< 1.0	0.71 J	< 1.0	0.48 J	< 1.0	< 1.0	0.28 J	1.7	1.5	< 1.0	1.3	1.0	0.87 J	1.4	
Metals																							
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anions																							
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon (TOC)																							
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Gases																							
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-74 14-19													MW-74S 3-13						
			5/23/2017	7/26/2017	11/7/2017	2/6/2018	5/9/2018	8/9/2018	10/22/2018	3/8/2019	5/17/2019	9/18/2019	11/11/2019	2/7/2020	5/21/2020	12/21/2018	3/8/2019	5/8/2019	9/18/2019	11/6/2019	2/7/2020	5/21/2020
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	< 2.0	1.5 J	1.3 J	0.66 J	0.34 J	1.6 J	2.0	< 2.0	< 2.0	1.4 J	1.4 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	NA	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	NA	< 1.0	< 1.0	0.42 J	0.96 J	0.41 J	0.45 J	0.84 J	1.3	0.62 J	0.62 J	1.5	1.5	1.3	0.82 J	0.97 J	1.0	1.5	0.56 J	0.96 J
Tetrachloroethene	ug/l	5.0	NA	< 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	< 1.0	0.21 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.19 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	2.7	2.4	2.0	0.70 J	2.8	2.2	1.1	< 1.0	1.7	1.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-75D 12-17													MW-75S 5-10						
			5/23/2017	7/26/2017	11/8/2017	2/6/2018	5/9/2018	8/9/2018	10/22/2018	3/7/2019	5/15/2019	9/18/2019	11/26/2019	2/4/2020	5/20/2020	5/23/2017	7/26/2017	11/8/2017	2/6/2018	5/9/2018	8/9/2018	10/22/2018
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	1.9 J	1.8 J	1.8 J	0.91 J	0.65 J	2.0	2.3	1.5 J	1.5 J	3.3	1.9 J	3.2	1.6 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	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	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	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	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	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	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	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	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
Trichloroethene	ug/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	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	6.4	3.7	4.9 J	1.9	2.4	1.8	1.7	1.6	1.7	1.6	2.2	1.0	1.3	0.45 J	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	NA	330	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	210	NA	350	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	63	NA	42	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	70	NA	42	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21 J	NA	8.0 J	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89	NA	110	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.6	NA	13	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.6	NA	13	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.95 J	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,200	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-75SR 2.5-12.5							MW-76 15-20												
			12/18/2018	3/7/2019	5/9/2019	9/18/2019	11/26/2019	2/4/2020	5/20/2020	5/23/2017	7/26/2017	11/8/2017	2/6/2018	5/10/2018	8/9/2018	10/22/2018	3/1/2019	5/17/2019	9/17/2019	11/20/2019	2/3/2020	5/19/2020
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	< 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	1.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	3.9	4.0	2.2	2.6	2.2	1.8	1.3	1.2	1.4	1.4	1.2	0.36 J
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.54 J	0.49 J	< 1.0	0.35 J	0.35 J	0.25 J	0.22 J	< 1.0	< 1.0	0.26 J	0.24 J	< 1.0
Trichloroethene	ug/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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	0.51 J	0.33 J	< 1.0	0.59 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
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	340	NA	270	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	480	NA	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	760	NA	760	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	800	NA	770	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	1.2 J	NA	3.3 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	120	NA	160	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	1.1	NA	4.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	0.90 J	NA	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-76S 4.5-14.5							MW-77 9-14											
			12/21/2018	3/1/2019	5/8/2019	9/17/2019	11/5/2019	2/3/2020	5/19/2020	5/25/2017	7/26/2017	11/10/2017	2/8/2018	5/11/2018	8/6/2018	10/23/2018	3/4/2019	5/16/2019	9/17/2019	11/22/2019	2/13/2020
Semi-volatile Organic Compounds (SVOCs)																					
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	0.32 J	< 2.0	< 2.0	0.27 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.1 J
Volatile Organic Compounds (VOCs)																					
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.67 J	0.73 J	0.66 J	0.54 J	0.61 J	0.74 J	< 1.0 UB	0.39 J	0.66 J	0.72 J	0.49 J
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.87 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.51 J	0.45 J	< 1.0	< 1.0	< 1.0	0.24 J	< 1.0	0.48 J	0.24 J	0.35 J	< 1.0	0.33 J
Metals																					
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																					
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																					
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																					
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-77S 2.5-12.5						MW-78 7-12												
			12/27/2018	3/4/2019	5/16/2019	9/17/2019	11/22/2019	2/13/2020	5/25/2017	7/25/2017	11/9/2017	2/8/2018	5/8/2018	8/6/2018	10/22/2018	2/26/2019	5/13/2019	9/19/2019	11/14/2019	2/12/2020	5/19/2020
Semi-volatile Organic Compounds (SVOCs)																					
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.90 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																					
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	0.28 J	0.26 J	0.22 J	0.19 J	0.22 J	0.41 J	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	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
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	0.20 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	< 1.0	< 1.0	< 1.0
Metals																					
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																					
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																					
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																					
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-78S 2.5-12.5							MW-79D 10-15													
			12/19/2018	2/26/2019	5/13/2019	9/19/2019	11/14/2019	2/12/2020	5/19/2020	5/24/2017	7/25/2017	11/9/2017	2/8/2018	5/8/2018	8/6/2018	10/24/2018	3/7/2019	5/15/2019	9/19/2019	11/12/2019	2/11/2020	5/20/2020	
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	0.49 J	0.87 J	0.95 J	< 2.0	0.99 J	< 2.0	0.35 J	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Trichloroethene	ug/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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.2	4.1	3.6	1.9	3.5	2.8	1.3	1.6 J	2.6	1.5	2.6	2.1	1.8	
Metals																							
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																							
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																							
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																							
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-79S 5-10							MW-79SR 2.5-12.5							MW-80S 7-12						
			5/24/2017	7/25/2017	11/9/2017	2/8/2018	5/8/2018	8/6/2018	10/30/2018	12/19/2018	3/1/2019	5/15/2019	9/18/2019	11/13/2019	2/11/2020	5/20/2020	5/24/2017	7/25/2017	11/8/2017	2/8/2018	5/8/2018	8/6/2018	10/22/2018
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	ug/l	7.2*	NA	< 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	NA	0.52 J	0.55 J	0.33 J	0.46 J	< 2.0	1.2 J
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	ug/l	7.0	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.56 J	0.53 J	0.36 J	0.40 J	0.30 J	0.23 J	< 1.0	4.6	7.1	7.6	2.9	6.3	6.2	4.1
Metals																							
Iron, Dissolved	ug/l	300	990	NA	2,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	600	NA	3,600	NA	NA	NA	NA
Iron, Total	ug/l	300	1,100	NA	2,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	530	NA	3,600	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	110	NA	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200	NA	230	NA	NA	NA	NA
Manganese, Total	ug/l	50	120	NA	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190	NA	230	NA	NA	NA	NA
Anions																							
Nitrate-N	mg/l	10	0.063 J	NA	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	NA	< 0.10	NA	NA	NA	NA
Sulfate	mg/l	250	41	NA	69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	97	NA	110	NA	NA	NA	NA
Total Organic Carbon (TOC)																							
Carbon, Dissolved	mg/l	NS	4.1	NA	4.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.6	NA	5.7	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	3.1	NA	4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.5	NA	5.2	NA	NA	NA	NA
Gases																							
Ethane	ug/l	NS	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	55	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-80SR 2.5-12.5							MW-81 8-13											
			12/27/2018	3/6/2019	5/10/2019	9/23/2019	11/5/2019	2/4/2020	5/19/2020	5/26/2017	7/25/2017	11/9/2017	2/6/2018	5/10/2018	8/9/2018	10/23/2018	3/6/2019	5/17/2019	9/19/2019	11/7/2019	2/11/2020
Semi-volatile Organic Compounds (SVOCs)																					
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	0.84 J	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																					
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	0.18 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/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	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	1.4	2.1	3.2	3.4	3.6	1.8	2.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0
Metals																					
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																					
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																					
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																					
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-81S 2.5-12.5						MW-82D 18-23												
			12/26/2018	3/6/2019	5/17/2019	9/19/2019	11/7/2019	2/11/2020	5/24/2017	7/25/2017	11/8/2017	2/6/2018	5/10/2018	8/8/2018	10/23/2018	3/6/2019	5/17/2019	9/23/2019	11/7/2019	2/11/2020	
Semi-volatile Organic Compounds (SVOCs)																					
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
Volatile Organic Compounds (VOCs)																					
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Trichloroethene	ug/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 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	
Metals																					
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anions																					
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon (TOC)																					
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Gases																					
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-82S 9-14							MW-82SR 5-15						MW-83 8-13					
			5/24/2017	7/25/2017	11/8/2017	2/6/2018	5/10/2018	8/8/2018	10/23/2018	12/26/2018	3/5/2019	5/17/2019	9/23/2019	11/7/2019	2/11/2020	5/26/2017	7/25/2017	11/9/2017	2/8/2018	5/11/2018	8/8/2018
Semi-volatile Organic Compounds (SVOCs)																					
1,4-Dioxane	ug/l	7.2*	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																					
1,1-Dichloroethene	ug/l	7.0	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																					
Iron, Dissolved	ug/l	300	180	NA	710	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	380	NA	720	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	510	NA	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	550	NA	380	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																					
Nitrate-N	mg/l	10	< 0.10	NA	< 0.10 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	470	NA	270	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																					
Carbon, Dissolved	mg/l	NS	2.7	NA	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	2.1	NA	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																					
Ethane	ug/l	NS	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-83 8-13						MW-83S 3-13						MW-84 8-13						
			10/22/2018	3/5/2019	5/22/2019	9/18/2019	11/5/2019	2/11/2020	12/26/2018	3/5/2019	5/22/2019	9/18/2019	11/5/2019	2/11/2020	5/25/2017	7/25/2017	11/9/2017	2/8/2018	5/8/2018	8/6/2018	10/23/2018
Semi-volatile Organic Compounds (SVOCs)																					
1,4-Dioxane	ug/l	7.2*	0.92 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.86 J
Volatile Organic Compounds (VOCs)																					
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	<1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	<1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.14 J	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																					
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																					
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																					
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																					
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-84 8-13						MW-84S 2.5-12.5						MW-85 8-13							
			2/28/2019	5/21/2019	9/24/2019	11/25/2019	2/12/2020	5/19/2020	12/21/2018	2/28/2019	5/9/2019	9/24/2019	11/25/2019	2/12/2020	5/19/2020	5/25/2017	7/25/2017	11/7/2017	2/8/2018	5/8/2018	8/8/2018	10/22/2018
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	< 2.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	0.29 J	< 2.0	0.41 J	0.45 J	< 2.0	1.0 J
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	0.10 J	< 1.0	< 1.0	< 1.0	< 1.0	0.17 J	< 1.0	0.12 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/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	8.6	7.3	7.3	5.5	7.5	7.2	5.5
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-85 8-13						MW-85S 2.5-12.5	MW-85SR 4.5-9.5					MW-86 12-17							
			2/26/2019	5/17/2019	9/17/2019	11/13/2019	2/3/2020	5/19/2020	12/21/2018	4/12/2019	9/17/2019	11/13/2019	2/3/2020	5/19/2020	5/25/2017	7/26/2017	11/10/2017	2/8/2018	5/10/2018	8/6/2018	10/24/2018	2/28/2019
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	< 2.0	1.3 J	< 2.0	0.49 J	1.2 J	< 2.0	1.1 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	0.99 J	0.87 J	< 2.0	1.2 J	< 2.0	1.4 J	< 2.0 J
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J
trans-1,2-Dichloroethene	ug/l	100	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	5.5	5.4	6.5	5.1 J	4.9	3.9	7.8	2.2	2.1	1.4	1.4	0.33 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-86 12-17				MW-86S 2.5-12.5						MW-87 14-19									
			5/21/2019	9/19/2019	11/25/2019	2/11/2020	12/18/2018	2/28/2019	5/13/2019	9/19/2019	11/25/2019	2/11/2020	5/23/2017	7/26/2017	11/10/2017	2/8/2018	5/10/2018	8/6/2018	10/23/2018	2/28/2019	5/21/2019	9/20/2019
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.88 J	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-87 14-19		MW-87S 4.5-14.5						MW-96S 2.5-12.5						MW-97S 2.5-12.5					
			11/22/2019	2/12/2020	12/21/2018	3/1/2019	5/13/2019	9/20/2019	11/22/2019	2/12/2020	12/18/2018	2/27/2019	5/16/2019	9/20/2019	11/26/2019	2/13/2020	12/27/2018	3/6/2019	5/10/2019	9/19/2019	11/22/2019	2/13/2020
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	< 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	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 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	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0
Vinyl chloride	ug/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	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-98S 2.5-12.5							MW-99S 3-13							MW-100S 3-13						
			12/19/2018	3/6/2019	5/10/2019	9/20/2019	11/13/2019	2/10/2020	5/19/2020	12/21/2018	3/7/2019	5/9/2019	9/16/2019	11/6/2019	2/4/2020	5/21/2020	12/18/2018	2/27/2019	5/9/2019	9/16/2019	11/26/2019	2/4/2020	5/21/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	ug/l	7.2*	< 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	1.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	< 1.0	0.94 J	0.57 J	0.89 J	0.30 J	0.41 J	0.20 J	0.45 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/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	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.22 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																							
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																							
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																							
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																							
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-101S 4.5-14.5							MW-102 10-15							MW-102S 2.5-12.5						
			12/21/2018	3/6/2019	5/8/2019	9/16/2019	11/13/2019	2/3/2020	5/20/2020	12/19/2018	2/25/2019	5/17/2019	9/18/2019	11/18/2019	2/14/2020	5/22/2020	12/19/2018	2/25/2019	5/14/2019	9/18/2019	11/18/2019	2/14/2020	5/22/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.7 J	1.3 J	1.1 J	1.0 J	1.0 J	1.4 J	1.4 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.6	1.7	1.8	1.0	1.4	1.3	1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																							
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																							
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																							
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																							
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-105S 2.5-12.5							MW-106S 2.5-12.5							MW-107S 2.5-12.5						
			12/26/2018	2/25/2019	5/14/2019	9/16/2019	11/13/2019	2/12/2020	5/20/2020	12/19/2018	2/27/2019	5/16/2019	9/23/2019	11/15/2019	2/10/2020	5/19/2020	12/26/2018	2/27/2019	5/10/2019	9/24/2019	11/12/2019	2/10/2020	5/19/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	0.55 J	< 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
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 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	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																							
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																							
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																							
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																							
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-108S 2.5-12.5						MW-131S 2.5-12.5							MW-132S 2.5-12.5							
			12/26/2018	5/14/2019	9/19/2019	11/12/2019	2/3/2020	5/19/2020	12/26/2018	2/26/2019	5/14/2019	9/16/2019	11/12/2019	2/4/2020	5/19/2020	12/26/2018	2/26/2019	5/14/2019	9/16/2019	11/12/2019	2/4/2020	5/19/2020	
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	ug/l	7.2*	0.90 J	0.93 J	< 2.0	< 2.0	< 2.0	< 2.0	1.0 J	< 2.0	1.3 J	1.3 J	0.52 J	< 2.0	1.1 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Trichloroethene	ug/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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.98 J	0.69 J	0.85 J	0.87 J	1.2	0.52 J	1.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																							
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anions																							
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon (TOC)																							
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Gases																							
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-133S 4-9					MW-134S 5-10					MW-135S 5-10					MW-136S 2-7							
			2/14/2019	5/23/2019	9/17/2019	11/7/2019	2/10/2020	2/14/2019	5/20/2019	9/17/2019	11/5/2019	2/11/2020	2/14/2019	5/20/2019	9/16/2019	11/5/2019	2/12/2020	2/19/2019	5/22/2019	9/18/2019	11/13/2019	2/10/2020	5/19/2020		
Semi-volatile Organic Compounds (SVOCs)																									
1,4-Dioxane	ug/l	7.2*	< 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	< 2.0	< 2.0	< 2.0	< 2.0			
Volatile Organic Compounds (VOCs)																									
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0			
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0			
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0			
Trichloroethene	ug/l	1.0**	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0			
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.38 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.96 J	< 1.0	< 1.0			
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Anions																									
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Total Organic Carbon (TOC)																									
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-137S 2-7						MW-138S 2-7						MW-139S 2-7					
			2/23/2019	5/13/2019	9/23/2019	11/5/2019	2/4/2020	5/19/2020	2/19/2019	5/16/2019	9/23/2019	11/15/2019	2/12/2020	5/26/2020	2/26/2019	5/9/2019	9/20/2019	11/13/2019	2/12/2020	5/19/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 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	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	0.91 J	1.1	0.50 J	0.27 J	< 1.0	1.7	1.6	1.4	1.2	1.3	2.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-140S 2-7						MW-141S 3-8						MW-142S 2.5-7.5					
			2/26/2019	5/16/2019	9/18/2019	11/12/2019	2/5/2020	5/20/2020	2/27/2019	5/15/2019	9/18/2019	11/13/2019	2/11/2020	5/20/2020	2/25/2019	5/23/2019	9/16/2019	11/13/2019	2/3/2020	5/19/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 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	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/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	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location: Screen Interval (ft. bgs): Date:	Unit	Residential Drinking Water Criteria	MW-192S 2.5-7.5					MW-204 12-17		MW-204S 4-9		MW-205 12-17		MW-205S 4.5-9.5	
			4/11/2019	9/20/2019	11/15/2019	2/12/2020	5/19/2020	1/3/2020	2/7/2020	12/27/2019	2/7/2020	1/3/2020	2/7/2020	12/30/2019	2/7/2020
Semi-volatile Organic Compounds (SVOCs)															
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds (VOCs)															
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/l	70	< 1.0	0.34 J	0.53 J	< 1.0	< 1.0	< 2.5 UB	< 2.5	17	7.5	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	1.7 J	< 2.5	1.8	0.70 J	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	61	67	37	21	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.5	<2.5	<1.7	<1.7	< 1.0	< 1.0	< 1.0	< 1.0
Metals															
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions															
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)															
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases															
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Notes:
Table includes routine data collected from offsite right-of-way monitoring wells. Lack of a May 2020 date indicates that it was not sampled during the second quarter of 2020.
Results are compared to EGLE Part 201 Generic Cleanup Criteria, June 2018.
* Residential Drinking Water Criteria for 1,4-dioxane is derived from EGLE Proposed Rule Changes (September 2016) and Emergency Rules (October 27, 2016).
** Groundwater results for Trichloroethene and Vinyl Chloride are compared to the published EGLE Remediation and Redevelopment Division Target Detection Limit of 1.0 µg/l.
Bolded Result exceeds residential Drinking Water criteria
< Result not detected above reporting limit.

Abbreviations:
EGLE Michigan Department of Environment, Great Lakes, and Energy
ft. bgs feet below ground surface
J estimated result
UB analyte considered non-detect at the value listed due to associated blank contamination
mg/l milligrams per liter
NA not analyzed
NS no standard / not sampled
µg/l micrograms per liter

Analytical Methods:
8260B SIM for Semi-volatile Organic Compounds (SVOCs)
8260B for Volatile Organic Compounds (VOCs)
RSK-175 for Dissolved Gases
6020 for Metals
5310C-2000 for Dissolved Organic Carbon (DOC)/Total Organic Carbon/Persulfate
9056A for Anions

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Table 5
Hydraulic Control System Monthly Discharge Volumes
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Date	Approximate Volume of Treated Water Discharged * (Gallons)	Date	Approximate Volume of Treated Water Discharged * (Gallons)	Date	Approximate Volume of Treated Water Discharged * (Gallons)
4/1/2020	50,521	5/1/2020 ^Q	56,351	6/1/2020 ^Q	57,073
4/2/2020* ^Q	55,376	5/2/2020	55,923	6/2/2020	56,667
4/3/2020 ^Q	60,936	5/3/2020	56,053	6/3/2020	55,326
4/4/2020	58,658	5/4/2020 ^Q	55,998	6/4/2020* ^Q	57,215
4/5/2020	55,209	5/5/2020	55,815	6/5/2020 ^Q	55,331
4/6/2020 ^Q	52,334	5/6/2020* ^Q	55,517	6/6/2020	55,596
4/7/2020	53,267	5/7/2020 ^{QS}	50,458	6/7/2020	54,867
4/8/2020 ^Q	51,788	5/8/2020 ^Q	56,274	6/8/2020 ^{QS}	31,106
4/9/2020	50,867	5/9/2020	55,918	6/9/2020 ^S	28
4/10/2020 ^Q	50,898	5/10/2020	55,586	6/10/2020 ^{QS}	25,833
4/11/2020	51,258	5/11/2020 ^Q	55,534	6/11/2020	57,200
4/12/2020	51,087	5/12/2020 ^{QS}	52,955	6/12/2020 ^Q	55,953
4/13/2020 ^Q	50,390	5/13/2020	55,909	6/13/2020	55,793
4/14/2020	51,353	5/14/2020	55,607	6/14/2020	55,687
4/15/2020 ^{QS}	53,217	5/15/2020 ^Q	55,774	6/15/2020 ^Q	55,605
4/16/2020	58,460	5/16/2020	55,784	6/16/2020	55,229
4/17/2020 ^Q	58,115	5/17/2020	55,686	6/17/2020	55,169
4/18/2020	57,957	5/18/2020 ^Q	54,644	6/18/2020 ^{QS}	53,325
4/19/2020	56,716	5/19/2020	55,479	6/19/2020 ^Q	54,851
4/20/2020 ^Q	53,378	5/20/2020 ^{QS}	55,699	6/20/2020 ^E	54,568
4/21/2020	51,459	5/21/2020	58,193	6/21/2020	54,277
4/22/2020	51,436	5/22/2020 ^Q	58,099	6/22/2020	53,839
4/23/2020 ^{QS}	44,546	5/23/2020	57,867	6/23/2020* ^Q	53,566
4/24/2020 ^{QS}	56,493	5/24/2020	57,839	6/24/2020	53,087
4/25/2020	57,656	5/25/2020	57,360	6/25/2020 ^E	51,987
4/26/2020	57,454	5/26/2020 ^{QS}	55,403	6/26/2020 ^{QE}	51,987
4/27/2020 ^{QS}	56,968	5/27/2020	57,804	6/27/2020	47,875
4/28/2020	57,017	5/28/2020	57,560	6/28/2020	46,032
4/29/2020 ^Q	56,742	5/29/2020 ^{QS}	56,910	6/29/2020	45,245
4/30/2020	56,100	5/30/2020	56,821	6/30/2020	40,463
--	--	5/31/2020	57,047	--	--
Total volume discharged during April 2020	1,627,656	Total volume discharged during May 2020	1,737,867	Total volume discharged during June 2020	1,500,780

Notes:

Treated groundwater discharge volume readings are recorded daily.

Footnotes:

* Volume of treated groundwater discharged from the hydraulic control system is based on a sum of the totalizer flow meters installed on each well inside the system building.

* Monthly treated groundwater discharge compliance sample collected as required by the Wastewater Discharge Permit Addendum #1 (Permit No.: 006-27510-IU).

^Q Hydraulic control system inspection visit.

^S System shut down.

^E - Daily discharge amounts estimated from totalizer readings recorded on 6/20/2020, 6/25/2020, and 6/26/2020 end of day 24-hour readings were not recorded during this time.

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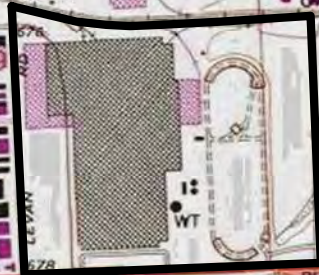
FIGURES



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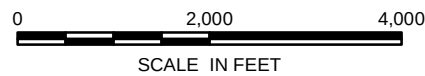


SITE LOCATION



Copyright: © 2013 National Geographic Society, i-cubed

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30050315 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z: GISProjects\ENVMov\Brighton MI\FordLivonia\GIS\docs\GEC\Q 2019\Figure 1 - Site Location Map.mxd PLOTTED: 4/29/2019 9:55:13 PM BY: mayyar7350



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

SOURCE:
USGS 7.5 MINUTE TOPOGRAPHIC MAP
NORTHVILLE AND WAYNE QUADRANGLES

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

SITE LOCATION MAP



FIGURE
1

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ON-SITE AREA

OFF-SITE AREA

LIVONIA
TRANSMISSION
PLANT

TEST
TRACK

ATNPC
BUILDING

SSDS Building

HCS Building

EDC

COMMERCE ST

GLENDALE ST

ROSATI AVE

CONCORD ST

CAPITOL ST

STARK RD

WADSWORTH ST

STANDISH ST

BREWSTER ST

BOSTON POST ST

PRISCILLA LN

PLYMOUTH RD

LEGEND

	MONITORING WELL		WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)		ESD-4 CARRIER PIPE
	TEST WELL		WELL BLANK CASING		HCS ELECTRICAL LINE
	VAULT		SSDS CONVEYANCE PIPING		EDC DISCHARGE LINE
	SUCTION PITS		FORD PROPERTY BOUNDARY		
	PIEZOMETER		COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY		
			AREA OF CONCERN		

NOTES:

- EDC = EASTERN DIVERSION CHAMBER
- ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER
- EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
- HDPE = HIGH-DENSITY POLYETHYLENE
- SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM
- HCS = HYDRAULIC CONTROL SYSTEM
- SDR = STANDARD DIMENSION RATIO
- ESD = EASTERN STORM DRAIN
- * = ESTIMATED LOCATION. MONITORING WELL WILL BE SURVEYED DURING THIRD QUARTER 2020.



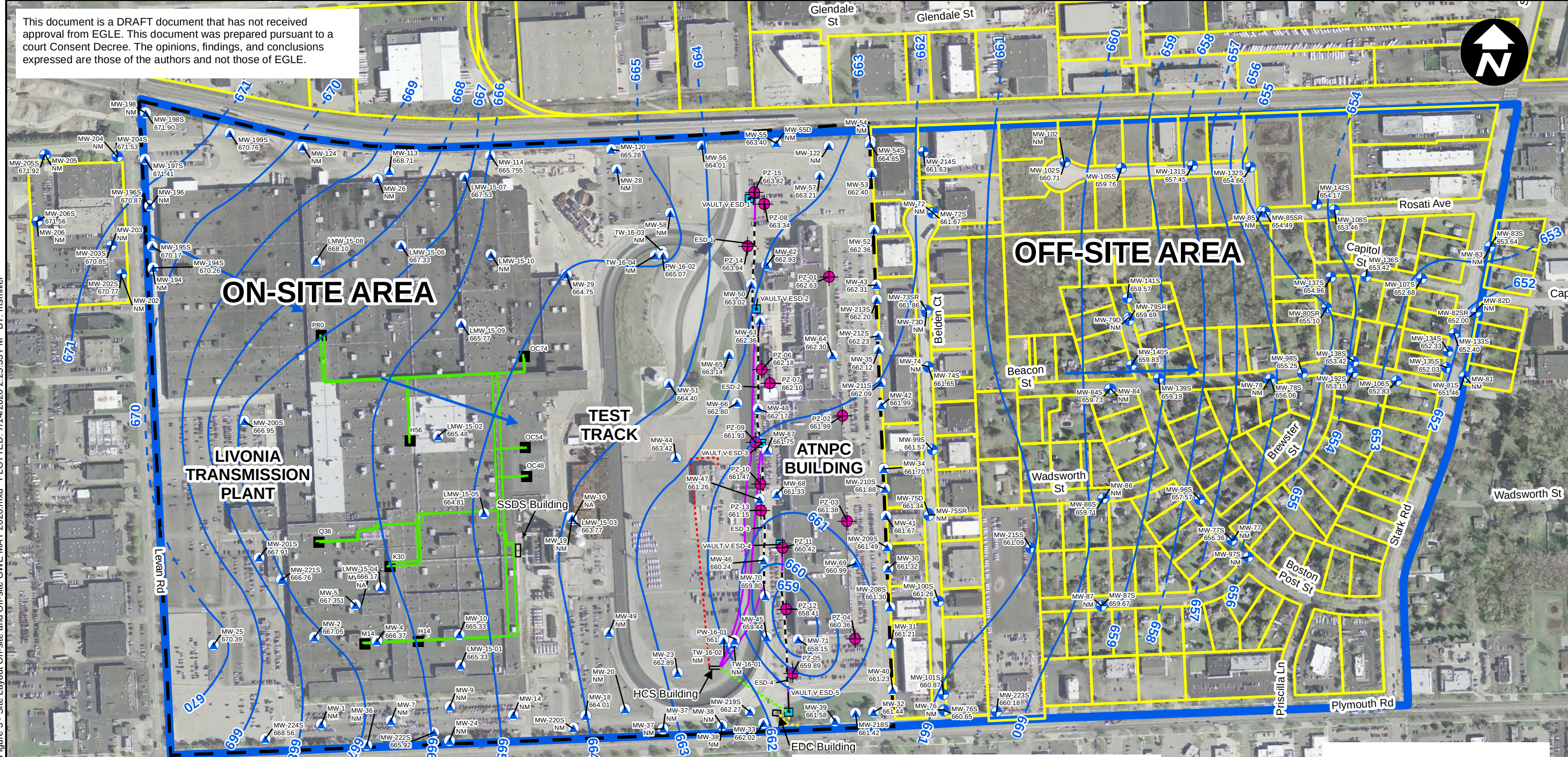
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

SITE LAYOUT



FIGURE
2

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LEGEND

	OFFSITE MONITORING WELL		WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)		ESD-4 CARRIER PIPE
	ONSITE MONITORING WELL		WELL BLANK CASING		HCS ELECTRICAL LINE
	PIEZOMETER		SSDS CONVEYANCE PIPING		EDC DISCHARGE LINE
	VAULT		FORD PROPERTY BOUNDARY		GROUNDWATER ELEVATION CONTOUR (DASH WHERE INFERRED)
	SUCTION PITS		COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY		FLOW DIRECTION
	AREA OF CONCERN				

NOTES:

1. ALL ELEVATIONS COLLECTED ON MAY 18, 2020 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. HDPE = HIGH-DENSITY POLYETHYLENE
6. NA = WELL COULD NOT BE ACCESSED
7. SDR = STANDARD DIMENSION RATIO
8. SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM
9. ESD = EASTERN STORM DRAIN
10. HCS = HYDRAULIC CONTROL SYSTEM
11. EDC = EASTERN DIVERSION CHAMBER
12. ATPNC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER
13. NM = NOT MEASURED



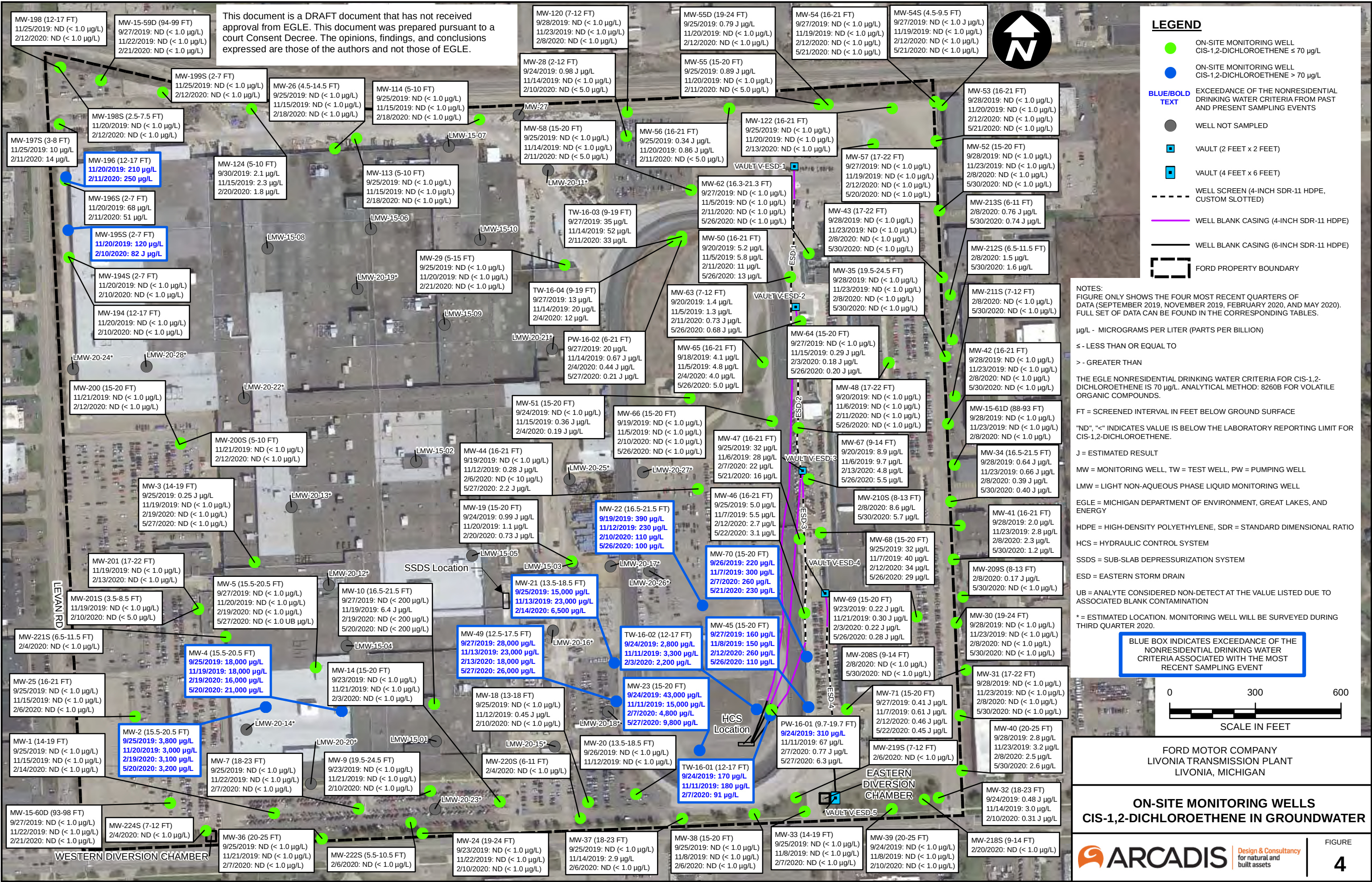
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

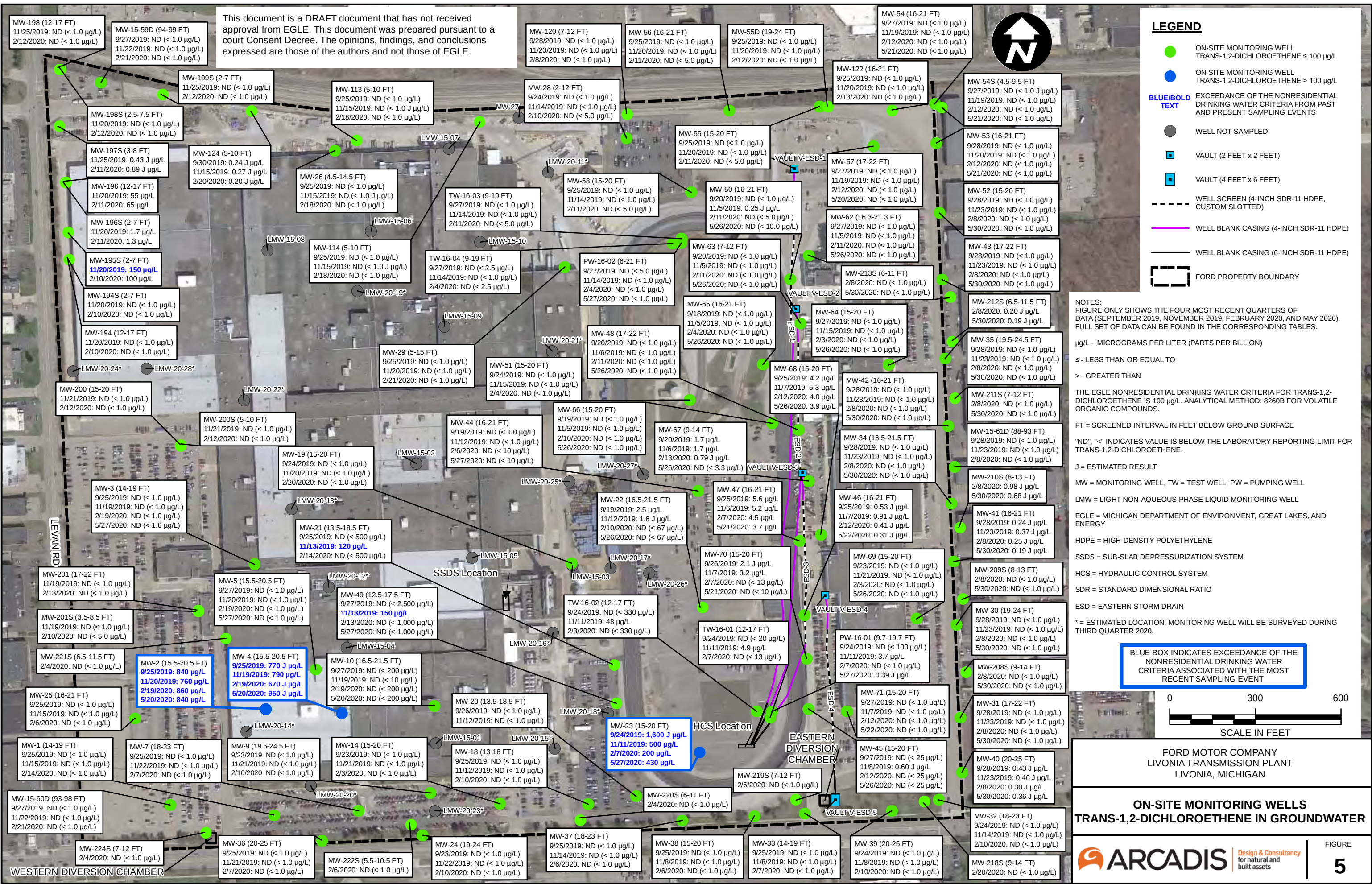
SITE-WIDE GROUNDWATER ELEVATION CONTOUR MAP UNDER PUMPING CONDITIONS MAY 2020



FIGURE

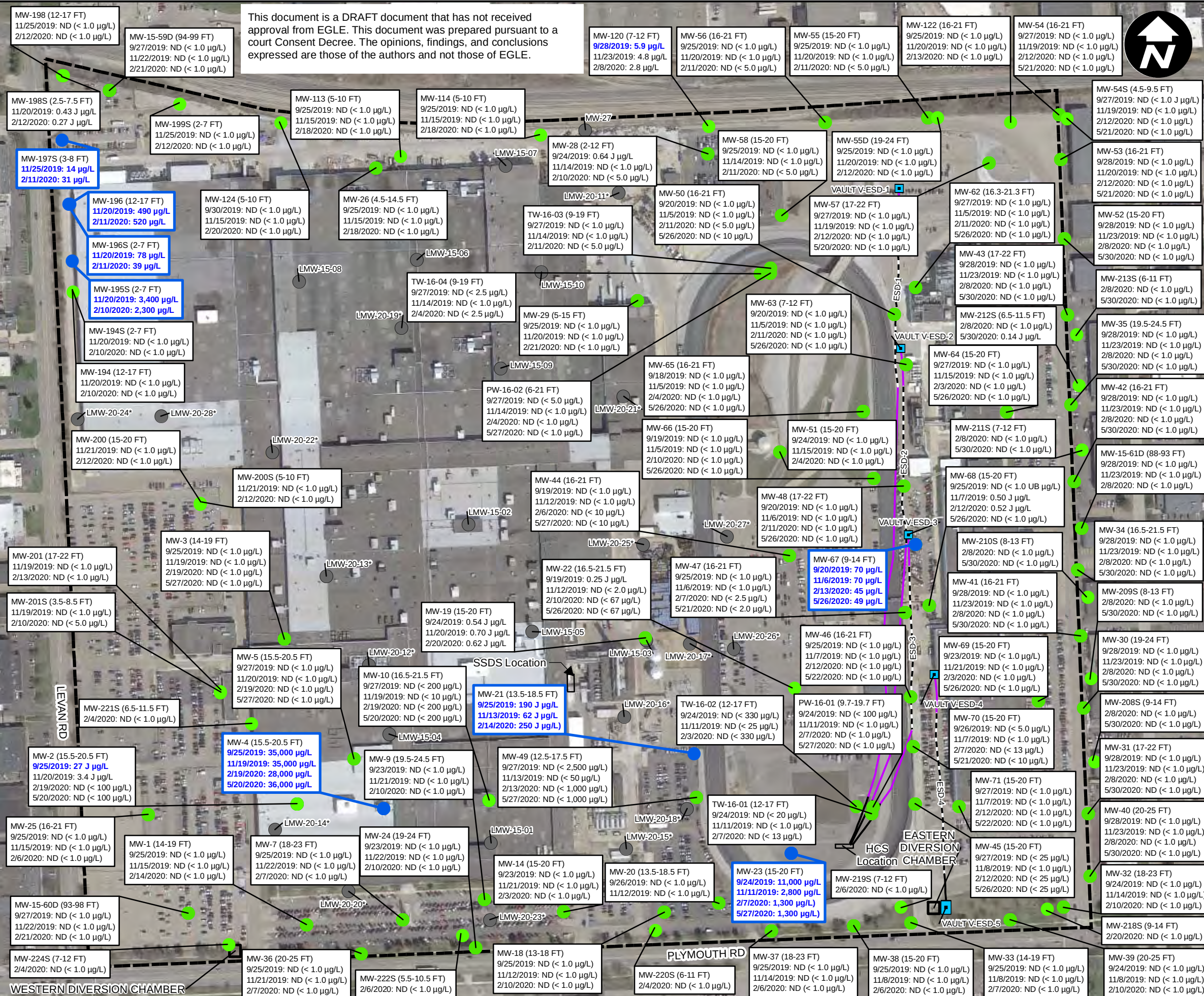
3

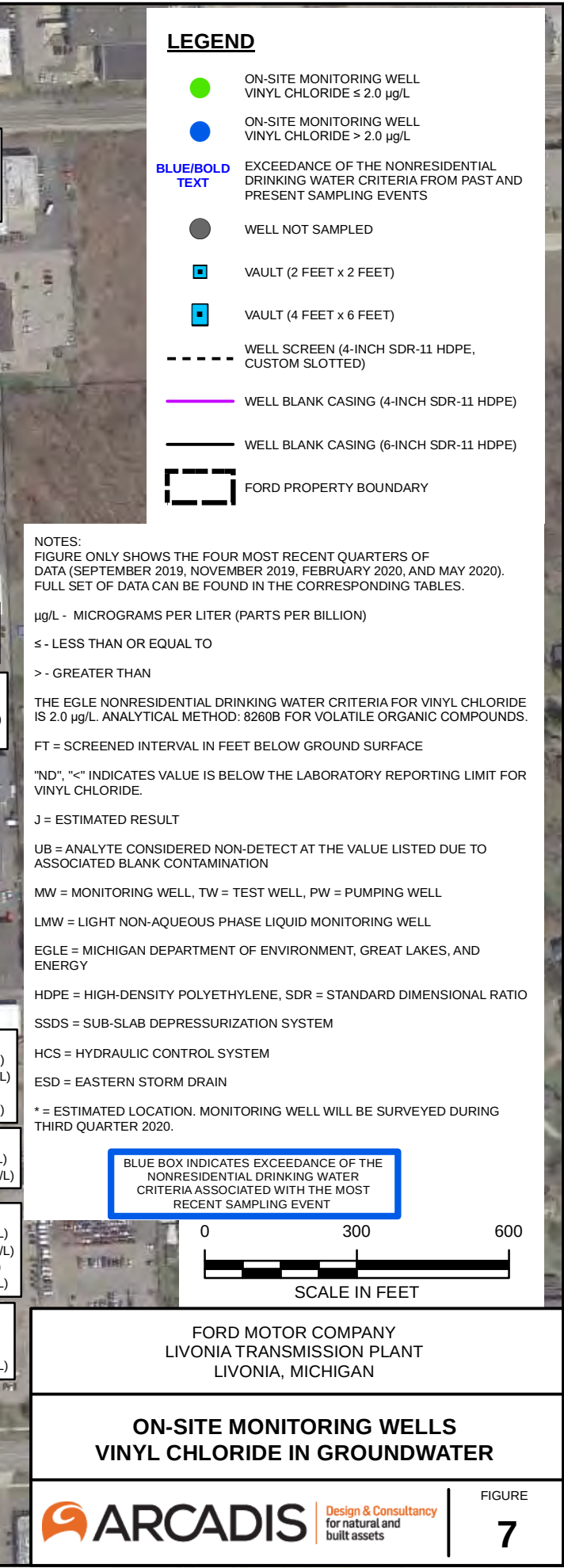
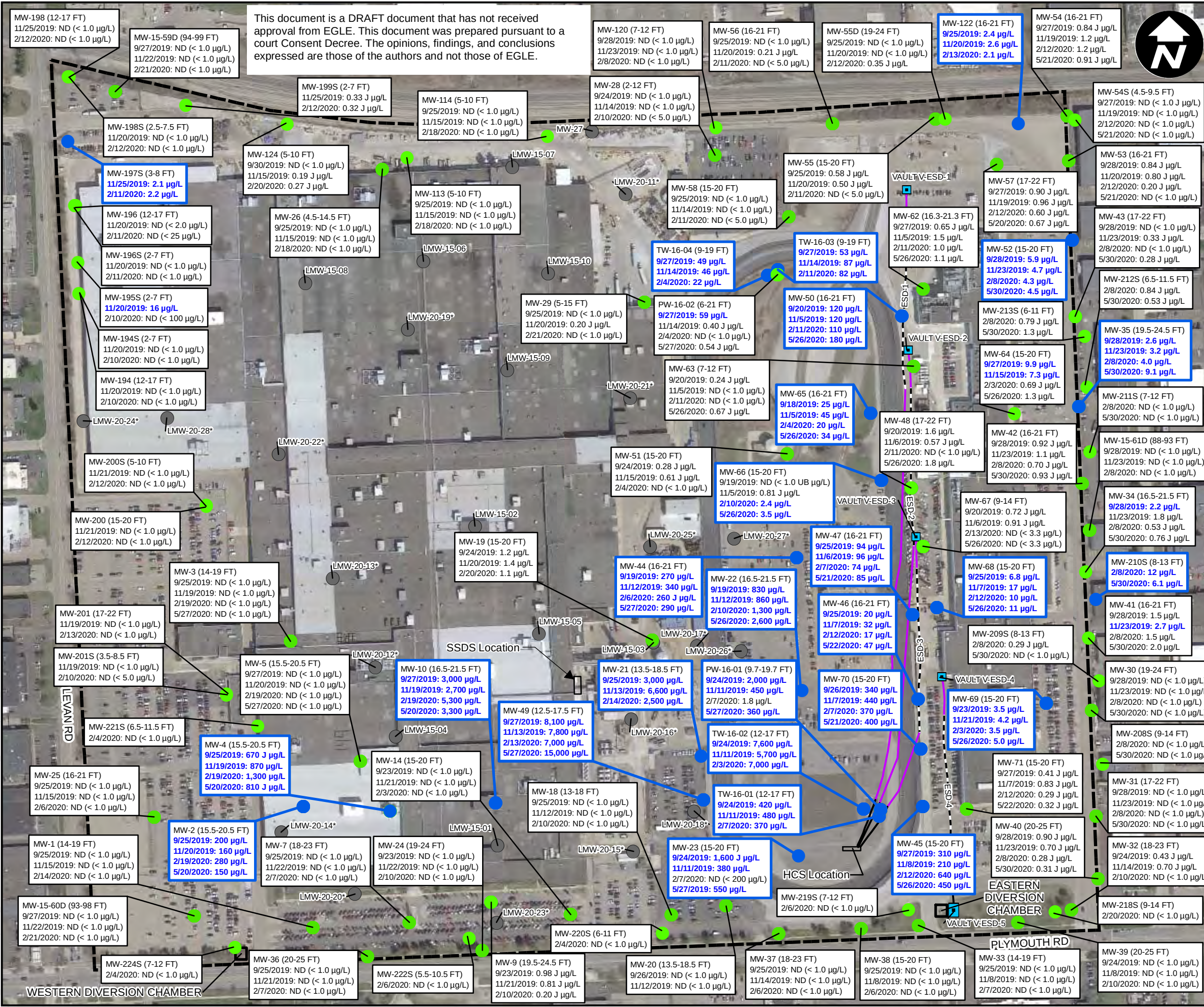




CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30050315.602 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet T: \ENV\Novi\Brighton_MIFordLivoniaGIS\docs\CEC2Q_2020\Figure 6 On-Site GWA TCE.mxd PLOTTED: 07/14/2020 5:38:26 AM BY: MAI00749

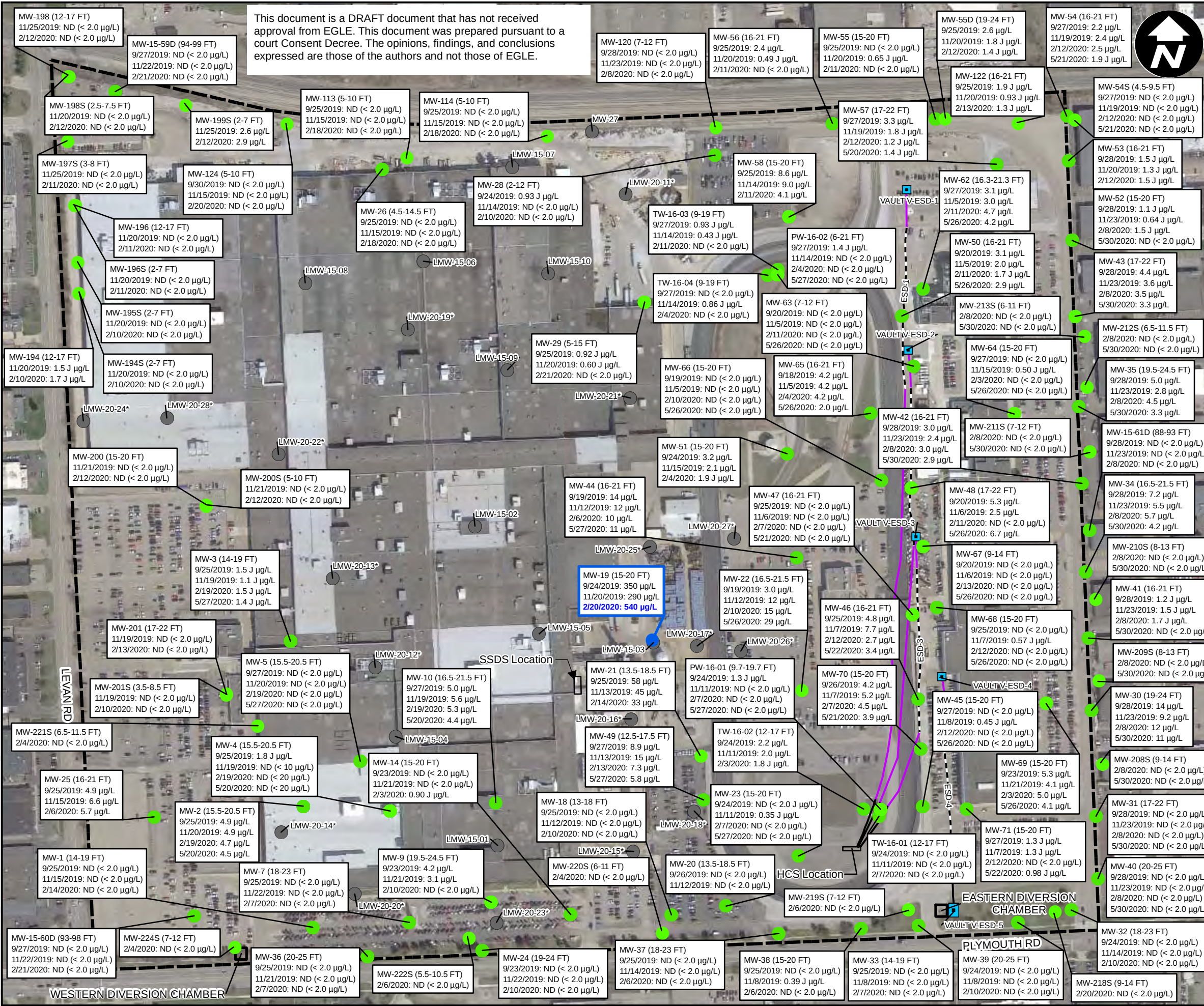
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CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30050315.602 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet T:\ENVI\Novi\Brighton_MIFordLivoniaGIS\docs\CEC2Q_2020\Figure 8 On-Site GWA DX.mxd PLOTTED: 07/14/2020 5:43:14 AM BY: MAI00749

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LEGEND

- ON-SITE MONITORING WELL 1,4-DIOXANE ≤ 350 µg/L
- ON-SITE MONITORING WELL 1,4-DIOXANE > 350 µg/L
- EXCEEDANCE OF THE NONRESIDENTIAL DRINKING WATER CRITERIA FROM PAST AND PRESENT SAMPLING EVENTS
- WELL NOT SAMPLED
- VAULT (2 FEET x 2 FEET)
- VAULT (4 FEET x 6 FEET)
- 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)
- FORD PROPERTY BOUNDARY

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (SEPTEMBER 2019, NOVEMBER 2019, FEBRUARY 2020, AND MAY 2020). FULL SET OF DATA CAN BE FOUND IN THE CORRESPONDING TABLES.

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

≤ - LESS THAN OR EQUAL TO

> - GREATER THAN

THE EGLE NONRESIDENTIAL DRINKING WATER CRITERIA FOR 1,4-DIOXANE IS 350 µg/L. ANALYTICAL METHOD: 8260B SIM FOR VOLATILE ORGANIC COMPOUNDS.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR 1,4-DIOXANE.

J = ESTIMATED RESULT

MW = MONITORING WELL, TW = TEST WELL, PW = PUMPING WELL

LMW = LIGHT NON-AQUEOUS PHASE LIQUID MONITORING WELL

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

HDPE = HIGH-DENSITY POLYETHYLENE,

SDR = STANDARD DIMENSIONAL RATIO

SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM

HCS = HYDRAULIC CONTROL SYSTEM

ESD = EASTERN STORM DRAIN

* = ESTIMATED LOCATION. MONITORING WELL WILL BE SURVEYED DURING THIRD QUARTER 2020.

BLUE BOX INDICATES EXCEEDANCE OF THE NONRESIDENTIAL DRINKING WATER CRITERIA ASSOCIATED WITH THE MOST RECENT SAMPLING EVENT

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

ON-SITE MONITORING WELLS 1,4-DIOXANE IN GROUNDWATER

ARCADIS Design & Consultancy
for natural and built assets

FIGURE

8



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LEGEND

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- OFF-SITE MONITORING WELL
TRICHLOROETHENE ≤ 1.0 $\mu\text{g/L}$

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (SEPTEMBER 2019, NOVEMBER 2019, FEBRUARY 2020, AND MAY 2020). FULL SET OF DATA CAN BE FOUND IN THE CORRESPONDING TABLES.

$\mu\text{g/L}$ - MICROGRAMS PER LITER (PARTS PER BILLION)

$\leq$ - LESS THAN OR EQUAL TO

THE PUBLISHED EGLE REMEDIATION AND REDEVELOPMENT DIVISION TARGET DETECTION LIMIT FOR TRICHLOROETHENE IS 1.0 $\mu\text{g/L}$.

ANALYTICAL METHOD: 8260B FOR VOLATILE ORGANIC COMPOUNDS.

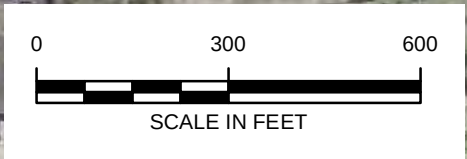
FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

J = ESTIMATED CONCENTRATION ABOVE THE METHOD DETECTION LIMIT AND BELOW THE REPORTING LIMIT.

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR TRICHLOROETHENE.

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

MW = MONITORING WELL



FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

**OFF-SITE MONITORING WELLS
TRICHLOROETHENE IN GROUNDWATER**

 **ARCADIS** Design & Consultancy
for natural and built assets

FIGURE
10





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APPENDICES



APPENDIX A

On-Site Groundwater Field Sampling Logs



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-2			Date	5-20-20
Project Name/Location	Ford LTP		Weather		53 degrees F. Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.5-20.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.70	Total Depth (ft-bmp)	19.47	Water Column (ft.)	12.77	Gallons in Well	2.08
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.44				
Sample Time:	Label	9:12	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	8:35					Heather Woodrum
	Purge End	9:15					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Next to clean room, Q16	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01		Well ID	MW-3		Date	5-27-20	
Project Name/Location	Ford LTP		Weather	70 degrees F. Haze		Well Material	PVC	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Gallons in Well	1.92	
Static Water Level (ft-bmp)	6.84	Total Depth (ft-bmp)	18.64	Water Column (ft.)	11.80	Sample Method	Grab	
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow			
		Well Volumes Purged	0.81					
Sample Time:	Label	10:42	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
	Purge Start	9:40						
	Purge End	10:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	100	7.00	0.00	7.22	13.34	0.26	1.72	20.9	-111.4	Clear	No Odor
9:45	5	100	6.93	0.13	7.30	13.35	11.40	0.62	20.9	-134.7	Clear	No Odor
9:50	5	100	6.93	0.26	7.33	13.34	7.34	1.23	20.8	-139.2	Clear	No Odor
9:55	5	100	6.93	0.39	7.33	13.28	7.82	1.24	20.8	-141.4	Clear	No Odor
10:00	5	100	6.93	0.52	7.36	13.25	8.33	1.23	20.8	-143.5	Clear	No Odor
10:05	5	100	6.93	0.65	7.38	13.23	10.00	1.23	20.8	-145.3	Clear	No Odor
10:10	5	100	6.93	0.78	7.39	13.23	9.66	1.22	20.7	-146.4	Clear	No Odor
10:15	5	100	6.93	0.91	7.40	13.24	5.38	1.17	20.7	-147.9	Clear	No Odor
10:20	5	100	6.93	1.04	7.39	13.26	5.05	1.23	21.0	-145.1	Clear	No Odor
10:25	5	100	6.93	1.17	7.40	13.25	4.50	1.15	20.9	-147.0	Clear	No Odor
10:30	5	100	6.93	1.30	7.41	13.25	1.65	0.88	20.8	-148.7	Clear	No Odor
10:35	5	100	6.93	1.43	7.41	13.25	2.27	0.87	20.8	-149.1	Clear	No Odor
10:40	5	100	6.93	1.56	7.42	13.28	4.62	0.85	20.8	-149.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information		
Well Location:	Q42	Well Locked at Arrival: n/a
Condition of Well:	Good	Well Locked at Departure: n/a
Well Completion:	Flush mount	Lock Functioning: n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-4			Date	5-20-20
Project Name/Location	Ford LTP		Weather		57 degrees F. Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.5-20.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.56	Total Depth (ft-bmp)	20.10	Water Column (ft.)	12.54	Gallons in Well	2.04
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.38				
Sample Time:	Label	10:07	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	9:35					Heather Woodrum
	Purge End	10:10					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Across from L14	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-5			Date	5-27-20
Project Name/Location	Ford LTP		Weather		76 degrees F. Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.5-20.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.98	Total Depth (ft-bmp)	19.67	Water Column (ft.)	12.69	Gallons in Well	2.06
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.38				
Sample Time:	Label	12:07	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	11:35					Heather Woodrum
	Purge End	12:10					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Clean room	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-10			Date	5-20-20
Project Name/Location	Ford LTP		Weather		59 degrees F. Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-21.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.43	Total Depth (ft-bmp)	20.76	Water Column (ft.)	12.33	Gallons in Well	2.00
		Pump Intake (ft-bmp)	19.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.39				
Sample Time:	Label	11:02	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	10:30					Heather Woodrum
	Purge End	11:05					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:		Well Locked at Arrival:	
	E14		n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-22	Date	5-26-20			
Project Name/Location	Ford LTP			Weather	78 degrees F, Mostly Clear			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-20.5	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	7.16	Total Depth (ft-bmp)	20.50	Water Column (ft.)	13.34			
		Pump Intake (ft-bmp)	18.50	Gallons in Well	2.17			
		Well Volumes Purged	0.95	Purge Method	Low-Flow			
Sample Time:	Label	11:45	Volume Purged	2.07 gallons	Replicate/Code No.	DUP-01	Sampled by	Rachel Bielak
	Purge Start	10:43						
	Purge End	10:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	125	7.16	0.00	7.15	11.55	50.20	3.02	15.2	-51.8	Clear	No Odor
10:50	5	150	7.43	0.17	7.11	12.11	54.90	0.34	15.1	-75.0	Clear, Small Orange Particulates	No Odor
10:55	5	125	7.31	0.37	7.11	12.16	46.00	0.33	15.4	-82.3	Clear, Small Orange Particulates	No Odor
11:00	5	125	7.31	0.54	7.10	11.87	36.40	0.68	15.2	-83.9	Clear, Small Orange Particulates	No Odor
11:05	5	125	7.32	0.71	7.09	12.32	25.90	0.85	15.7	-86.5	Clear, Small Orange Particulates	No Odor
11:10	5	125	7.31	0.88	7.09	11.83	23.40	0.18	15.5	-86.5	Clear, Small Orange Particulates	No Odor
11:15	5	125	7.32	1.05	7.08	11.66	20.70	0.12	15.8	-87.0	Clear, Small Orange Particulates	No Odor
11:20	5	125	7.32	1.22	7.08	11.67	15.30	0.17	15.2	-87.5	Clear, Small Orange Particulates	No Odor
11:25	5	125	7.32	1.39	7.03	11.63	13.40	0.21	15.4	-88.6	Clear, Small Orange Particulates	No Odor
11:30	5	125	7.32	1.56	7.08	11.59	10.50	0.20	15.4	-89.3	Clear	No Odor
11:35	5	125	7.32	1.73	7.08	11.55	14.90	0.17	15.8	-90.2	Clear	No Odor
11:40	5	125	7.32	1.90	7.08	11.46	19.00	0.17	15.7	-90.6	Clear	No Odor
11:45	5	125	7.32	2.07	7.07	11.47	8.95	0.17	16.3	-92.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL

Comments	Pad cracked

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	In middle of test track	Well Locked at Arrival:	n/a
Condition of Well:	Good, Pad damaged	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-23	Date	5-27-20			
Project Name/Location	Ford LTP			Weather	76 degrees F, Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	6.21	Total Depth (ft-bmp)	19.70	Water Column (ft.)	13.49			
		Pump Intake (ft-bmp)	17.50	Gallons in Well	2.19			
		Well Volumes Purged	0.71	Purge Method	Low-Flow			
Sample Time:	Label	12:48	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-02	Sampled by	Xenia Chan
	Purge Start	11:40						
	Purge End	12:54						

Xenia

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:44	0	100	6.21	0.00	7.50	13.59	40.00	1.52	15.1	5.9	Small White Particulates	No Odor
11:49	5	100	6.23	0.13	7.17	14.94	42.10	0.33	13.6	-23.9	Small White Particulates	No Odor
11:54	5	100	6.26	0.26	7.14	14.90	39.20	0.16	13.4	-19.5	Clear	No Odor
11:59	5	100	6.23	0.39	7.12	14.85	39.20	0.15	13.8	-12.7	Clear	No Odor
12:04	5	100	6.23	0.52	7.11	14.86	27.80	0.08	13.6	-6.9	Clear	No Odor
12:09	5	100	6.23	0.65	7.10	14.98	22.20	0.11	13.7	-9.4	Clear	No Odor
12:14	5	100	6.23	0.78	7.09	14.99	15.90	0.08	13.6	-8.2	Clear	No Odor
12:19	5	100	6.23	0.91	7.07	15.03	11.20	0.07	13.8	2.6	Clear	No Odor
12:24	5	100	6.24	1.04	7.06	15.12	10.30	0.06	13.4	4.2	Clear	No Odor
12:29	5	100	6.23	1.17	7.06	15.15	10.10	0.05	13.4	2.4	Clear	No Odor
12:34	5	100	6.23	1.30	7.05	15.20	8.99	0.04	13.5	4.0	Clear	No Odor
12:39	5	100	6.24	1.43	7.05	15.18	10.50	0.04	13.4	4.2	Clear	No Odor
12:44	5	100	6.24	1.56	7.05	15.22	8.81	0.04	14.0	5.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	2.25" = 0.06	3" = 0.37	4" = 0.65

Well Information			
Well Location:	Inside of test track to the south	Well Locked at Arrival:	n/a
Condition of Well:	Fair, Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01		Well ID	MW-30		Date	5-30-20	
Project Name/Location	Ford LTP		Weather	65 degrees F, Mostly Clear				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	9.32	Total Depth (ft-bmp)	9.65	Water Column (ft.)	0.33	Gallons in Well	0.05	
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	40.80					
Sample Time:	Label	14:00	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
	Purge Start	12:57						
	Purge End	14:06						

Rachel Bielak

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	125	9.32	0.00	7.26	7.17	179.00	2.39	14.7	-6.9	Orange, Small Orange Particulates	No Odor
13:05	5	125	9.83	0.17	7.31	7.20	212.00	0.36	14.4	-58.9	Orange, Small Orange Particulates	No Odor
13:10	5	125	9.88	0.34	7.31	7.21	225.00	0.22	14.6	-70.6	Orange, Small Orange Particulates	No Odor
13:15	5	125	9.92	0.51	7.32	7.21	189.00	0.17	14.3	-84.4	Orange, Small Orange Particulates	No Odor
13:20	5	125	9.91	0.68	7.32	7.14	127.00	0.17	14.4	-93.3	Orange, Small Orange Particulates	No Odor
13:25	5	125	9.92	0.85	7.33	7.98	103.00	0.12	14.9	-105.6	Orange, Small Orange Particulates	No Odor
13:30	5	125	9.92	1.02	7.34	7.02	78.30	0.12	14.8	-112.8	Clear, Small Orange Particulates	No Odor
13:35	5	125	9.93	1.19	7.35	6.93	59.30	0.12	14.7	-117.5	Clear, Small Orange Particulates	No Odor
13:40	5	125	10.00	1.36	7.35	6.90	56.60	0.07	14.6	-121.2	Clear, Small Orange Particulates	No Odor
13:45	5	125	10.02	1.53	7.36	6.88	43.50	0.07	14.5	-123.3	Clear, Small Orange Particulates	No Odor
13:50	5	125	10.03	1.70	7.36	6.82	44.40	0.06	14.6	-127.0	Clear, Small Orange Particulates	No Odor
13:55	5	125	10.04	1.87	7.36	6.82	39.60	0.07	14.4	-126.9	Clear, Small Orange Particulates	No Odor
14:00	5	125	10.05	2.04	7.36	6.81	34.10	0.05	14.8	-129.3	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	2.25" = 0.06	3" = 0.37	4" = 0.65

Well Information			
Well Location:	In rocks along roadway	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-31			Date	5-30-20
Project Name/Location	Ford LTP		Weather		62 degrees F. Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.20	Total Depth (ft-bmp)	21.68	Water Column (ft.)	12.48	Gallons in Well	2.03
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.50				
Sample Time:	Label	10:40	Volume Purged	1.02 gallons	Replicate/Code No.	MW-31-MS_053020, MW-31-MSD_053020	Sampled by
	Purge Start	10:08					Rachel Bielak
	Purge End	10:55					

Rachid
Zulak

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL

Comments

Bolts won't tighten down, missing 1 bolt and tread tab

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	In rocks along road across from parking lot entrance	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs, Missing bolts, Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-34			Date	5-30-20
Project Name/Location	Ford LTP		Weather		62 degrees F. Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-21.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.38	Total Depth (ft-bmp)	21.26	Water Column (ft.)	12.88	Gallons in Well	2.09
		Pump Intake (ft-bmp)	19.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.37				
Sample Time:	Label	10:52	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	10:20					Heather Woodrum
	Purge End	10:55					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Across from door 5E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-35	Date	5-30-20			
Project Name/Location	Ford LTP			Weather	65 degrees F, Mostly Clear			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	7.00	Total Depth (ft-bmp)	24.25	Water Column (ft.)	17.25			
		Pump Intake (ft-bmp)	22.00	Gallons in Well	2.80			
		Well Volumes Purged	0.47	Purge Method	Low-Flow			
Sample Time:	Label	12:36	Volume Purged	1.31 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start	11:45						
	Purge End	12:40						

Gary Schafer

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	100	7.00	0.00	7.42	3.73	8.87	0.62	13.8	-22.1	Clear	No Odor
11:50	5	100	7.72	0.13	7.46	3.72	7.90	0.39	13.6	-54.1	Clear	No Odor
11:55	5	100	7.89	0.26	7.49	3.71	19.10	0.17	13.6	-61.7	Clear,Turbid	No Odor
12:00	5	100	7.98	0.39	7.52	3.71	16.30	0.12	13.7	-73.5	Clear,Turbid	No Odor
12:05	5	100	8.04	0.52	7.53	3.70	15.20	0.09	13.7	-81.2	Clear,Turbid	No Odor
12:10	5	100	8.12	0.65	7.54	3.69	16.70	0.07	13.7	-89.7	Clear,Turbid	No Odor
12:15	5	100	8.14	0.78	7.54	3.68	13.20	0.07	13.6	-90.0	Clear,Turbid	No Odor
12:20	5	100	8.16	0.91	7.54	3.68	10.80	0.08	13.6	-93.0	Clear,Turbid	No Odor
12:25	5	100	8.16	1.05	7.55	3.67	9.10	0.08	13.6	-96.5	Clear	No Odor
12:30	5	100	8.16	1.18	7.56	3.68	9.24	0.08	13.6	-100.1	Clear	No Odor
12:35	5	100	8.16	1.31	7.56	3.67	8.78	0.08	13.6	-102.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information				
Well Location:	MW-35	Well Locked at Arrival:	n/a	
Condition of Well:	Good	Well Locked at Departure:	n/a	
Well Completion:	Flush mount	Lock Functioning:	n/a	



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01		Well ID	MW-40		Date	5-30-20	
Project Name/Location	Ford LTP		Weather	58 degrees F, Mostly Cloudy				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	9.00	Total Depth (ft-bmp)	19.36	Water Column (ft.)	10.36	Gallons in Well	1.68	
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	1.01					
Sample Time:	Label	9:37	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
	Purge Start	8:45						
	Purge End	9:47						

Rachel Bielak

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:47	0	125	9.00	0.00	7.29	18.45	5.56	0.94	13.9	-141.2	Clear	No Odor
8:52	5	125	9.09	0.17	7.21	18.34	11.30	0.39	14.1	-124.7	Clear	No Odor
8:57	5	125	9.10	0.34	7.22	18.32	9.74	0.25	14.0	-123.5	Clear, Small Orange Particulates	No Odor
9:02	5	125	9.10	0.51	7.21	17.87	10.70	0.21	14.1	-119.0	Clear, Small Orange Particulates	No Odor
9:07	5	125	9.10	0.68	7.21	17.06	4.85	0.20	14.1	-113.6	Clear, Small Orange Particulates	No Odor
9:12	5	125	9.10	0.85	7.21	16.73	7.07	0.18	14.1	-110.7	Clear	No Odor
9:17	5	125	9.09	1.02	7.20	16.39	4.09	0.15	14.2	-109.0	Clear	No Odor
9:22	5	125	9.09	1.19	7.21	16.33	5.81	0.14	14.1	-108.9	Clear	No Odor
9:27	5	125	9.09	1.36	7.20	16.23	4.73	0.12	14.2	-107.5	Clear	No Odor
9:32	5	125	9.09	1.53	7.21	16.23	3.66	0.11	14.2	-107.9	Clear	No Odor
9:37	5	125	9.09	1.70	7.21	16.20	4.52	0.10	14.3	-108.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes				
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
6" = 1.47				

Well Information				
Well Location:	In rocks south of gate	Well Locked at Arrival:	n/a	
Condition of Well:	Good	Well Locked at Departure:	n/a	
Well Completion:	Flush mount	Lock Functioning:	n/a	

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-41			Date	5-30-20
Project Name/Location	Ford LTP		Weather		62 degrees F. Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.36	Total Depth (ft-bmp)	20.93	Water Column (ft.)	12.57	Gallons in Well	2.04
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.38				
Sample Time:	Label	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
	Purge Start	9:25					
	Purge End	10:00					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Truck lane across from 6E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-42	Date	5-30-20			
Project Name/Location	Ford LTP			Weather	58 degrees F, Mostly Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	7.79	Total Depth (ft-bmp)	20.44	Water Column (ft.)	12.65			
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow			
		Well Volumes Purged	0.76	Gallons in Well	2.06			
				Sample Method	Grab			
Sample Time:	Label	10:04	Volume Purged	1.56 gallons	Replicate/Code No.	MW-42-MS_053020 MW-42-MSD_053020	Sampled by	Gary Schafer
	Purge Start	9:03						
	Purge End	10:16						

Gary Schafer

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:03	0	100	7.90	0.00	7.11	12.17	6.24	9.12	14.6	127.4	Clear, Small Orange Particulates	Faint Odor
9:08	5	100	7.93	0.13	7.14	12.23	6.03	9.06	14.1	97.7	Clear, Small Orange Particulates	No Odor
9:13	5	100	7.96	0.26	7.14	12.22	6.07	8.53	13.8	68.7	Clear, Small Orange Particulates	No Odor
9:18	5	100	7.96	0.39	7.16	12.28	4.58	8.15	13.9	47.3	Clear, Small Orange Particulates	No Odor
9:23	5	100	7.96	0.52	7.16	12.42	6.71	7.94	13.9	28.9	Clear, Small Orange Particulates	No Odor
9:28	5	100	7.96	0.65	7.16	12.51	9.23	7.65	13.8	7.6	Clear, Small Orange Particulates	No Odor
9:33	5	100	7.98	0.78	7.17	12.58	11.10	7.37	13.7	-11.2	Clear, Small Orange Particulates	No Odor
9:38	5	100	8.00	0.91	7.15	12.65	15.00	7.40	13.7	24.2	Clear, Small Orange Particulates	No Odor
9:43	5	100	8.01	1.04	7.16	12.65	14.90	6.85	13.7	-33.7	Clear, Small Orange Particulates	No Odor
9:48	5	100	8.02	1.17	7.16	12.68	13.80	6.66	13.7	-42.1	Clear, Small Orange Particulates	No Odor
9:53	5	100	8.02	1.30	7.16	12.67	9.64	6.33	13.6	-50.4	Clear, Small Orange Particulates	No Odor
9:58	5	100	8.02	1.43	7.16	12.67	8.78	6.22	13.6	-54.4	Clear, Small Orange Particulates	No Odor
10:03	5	100	8.02	1.56	7.16	12.60	7.13	5.93	13.7	-59.6	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments	None

Well Casing Volumes				
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
6" = 1.47				

Well Information				
Well Location:	MW-42	Well Locked at Arrival:	n/a	
Condition of Well:	Good	Well Locked at Departure:	n/a	
Well Completion:	Flush mount	Lock Functioning:	n/a	

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-43			Date	5-30-20
Project Name/Location	Ford LTP		Weather		62 degrees F. Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.89	Total Depth (ft-bmp)	21.76	Water Column (ft.)	14.87	Gallons in Well	2.42
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.43				
Sample Time:	Label	10:45	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	10:00					Xenia Chan
	Purge End	10:48					

Ahr

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Across from E parking lot	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01		Well ID	MW-44		Date	5-27-20	
Project Name/Location	Ford LTP		Weather	75 degrees F, Cloudy				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	7.69	Total Depth (ft-bmp)	20.93	Water Column (ft.)	13.24	Gallons in Well	2.15	
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	0.60					
Sample Time:	Label	15:12	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
	Purge Start	14:20						
	Purge End	15:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	100	7.76	0.00	7.15	13.57	10.40	0.79	19.2	-144.7	Gray	No Odor
14:25	5	100	7.76	0.13	7.38	14.76	352.00	0.30	19.2	-162.6	Gray, Small Black Particulates	No Odor
14:30	5	100	7.76	0.26	7.46	13.73	166.00	0.29	18.6	-157.7	Gray, Small Black Particulates	No Odor
14:35	5	100	7.76	0.39	7.54	9.63	115.00	0.26	18.1	-152.4	Gray, Small Black Particulates	No Odor
14:40	5	100	7.76	0.52	7.55	7.98	39.30	0.29	17.5	-148.8	Gray, Small Black Particulates	No Odor
14:45	5	100	7.76	0.65	7.55	7.51	50.80	0.24	17.6	-146.0	Gray, Small Black Particulates	No Odor
14:50	5	100	7.76	0.78	7.54	7.33	27.40	0.23	17.7	-140.6	Clear, Small Black Particulates	No Odor
14:55	5	100	7.76	0.91	7.54	7.25	17.50	0.21	17.7	-139.0	Clear, Small Black Particulates	No Odor
15:00	5	100	7.76	1.04	7.52	7.22	11.30	0.24	18.3	-136.3	Clear, Small Black Particulates	No Odor
15:05	5	100	7.76	1.17	7.51	7.22	10.80	0.22	18.7	-135.5	Clear	No Odor
15:10	5	100	7.76	1.30	7.51	7.23	11.90	0.24	18.3	-134.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes				
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
6" = 1.47				

Well Information				
Well Location:	Inside track	Well Locked at Arrival:	n/a	
Condition of Well:	Broken thread tabs, Fair, Missing bolts	Well Locked at Departure:	n/a	
Well Completion:	Flush mount	Lock Functioning:	n/a	

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-45			Date	5-26-20
Project Name/Location	Ford LTP		Weather		71 degrees F. Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.07	Total Depth (ft-bmp)	19.69	Water Column (ft.)	8.62	Gallons in Well	1.40
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.09				
Sample Time:	Label	10:08	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	9:21					Rachel Bielak
	Purge End	10:12					

Richard Bulak

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	In rocks along drive next to test track	Well Locked at Arrival:	n/a
Condition of Well:	Fair, Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-46	Date	5-22-20			
Project Name/Location	Ford LTP			Weather	60 degrees F, Light Rain and Fog/Mist			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	10.39	Total Depth (ft-bmp)	19.65	Water Column (ft.)	9.26			
		Pump Intake (ft-bmp)	18.50	Gallons in Well	1.50			
		Well Volumes Purged	1.36	Purge Method	Low-Flow			
Sample Time:	Label	11:50	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
	Purge Start	10:50						
	Purge End	11:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	125	10.39	0.00	8.33	0.94	34.70	6.20	13.5	-62.9	Clear, Small Black Particulates	No Odor
10:55	5	125	11.10	0.17	8.21	0.65	28.80	5.42	13.4	-38.6	Clear, Small Orange Particulates	No Odor
11:00	5	125	11.10	0.34	8.22	0.77	36.80	4.80	13.5	-31.7	Clear, Small Black Particulates, Sm	No Odor
11:05	5	125	11.14	0.51	8.09	1.62	24.30	3.45	13.4	-20.2	Clear, Small Black Particulates	No Odor
11:10	5	125	11.14	0.68	7.98	2.53	22.00	2.56	13.5	-16.9	Clear, Small Black Particulates	Faint Odor
11:15	5	125	11.13	0.85	7.89	3.42	16.70	1.93	13.5	-25.6	Clear, Small Black Particulates	No Odor
11:20	5	125	11.09	1.02	7.83	4.23	12.70	1.35	13.8	-38.8	Clear, Small Black Particulates	No Odor
11:25	5	125	11.10	1.19	7.81	4.84	12.00	1.14	13.5	-46.2	Clear, Small Black Particulates	No Odor
11:30	5	125	11.10	1.36	7.79	5.47	7.10	0.91	13.4	-54.4	Clear, Small White Particulates	No Odor
11:35	5	125	11.05	1.53	7.77	5.90	6.15	0.78	13.5	-59.3	Clear	No Odor
11:40	5	125	11.02	1.70	7.74	6.44	3.32	0.61	13.6	-64.0	Clear	No Odor
11:45	5	125	11.03	1.87	7.72	6.89	4.50	0.48	13.7	-67.0	Clear	No Odor
11:50	5	125	11.03	2.04	7.69	7.29	4.90	0.38	14.2	-69.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	Along test track fence in rocks across from door 10E	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs, Missing bolts, Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-47	Date	5-21-20			
Project Name/Location	Ford LTP			Weather	62 degrees F, Partly Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	9.96	Total Depth (ft-bmp)	19.97	Water Column (ft.)	10.01			
		Pump Intake (ft-bmp)	18.50	Gallons in Well	1.63			
		Well Volumes Purged	1.33	Purge Method	Low-Flow			
Sample Time:	Label	12:10	Volume Purged	2.16 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
	Purge Start	11:08						
	Purge End	12:13						

Julia McClafferty

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:09	0	140	10.05	0.00	7.24	4.82	2.30	3.65	14.3	94.7	Clear, Small Brown Particulates	No Odor
11:14	5	140	10.05	0.18	7.20	5.23	59.10	3.22	14.2	96.4	Clear, Small Brown Particulates	No Odor
11:19	5	140	10.05	0.36	7.21	5.63	46.30	3.00	14.3	94.6	Clear, Small Brown Particulates	No Odor
11:24	5	140	10.05	0.54	7.22	6.08	42.70	2.44	14.4	93.0	Clear, Small Brown Particulates	No Odor
11:29	5	140	10.07	0.72	7.22	6.82	39.90	2.61	14.8	91.5	Clear, Small Brown Particulates	No Odor
11:34	5	140	10.06	0.90	7.21	6.53	31.70	2.17	14.1	91.9	Clear, Small Brown Particulates	No Odor
11:39	5	140	10.07	1.08	7.21	6.87	24.70	1.72	14.1	90.9	Clear	No Odor
11:44	5	140	10.07	1.26	7.21	7.15	21.30	1.41	14.1	90.0	Clear	No Odor
11:49	5	140	10.07	1.44	7.21	7.39	18.90	1.19	14.0	89.0	Clear	No Odor
11:54	5	140	10.07	1.62	7.21	7.62	21.20	1.30	14.1	87.4	Clear	No Odor
11:59	5	140	10.07	1.80	7.20	7.77	16.40	1.11	14.1	86.4	Clear	No Odor
12:04	5	140	10.07	1.98	7.20	7.85	11.00	1.09	14.0	85.4	Clear	No Odor
12:09	5	140	10.07	2.16	7.20	7.90	11.20	0.88	14.1	84.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	Across from gate access	Well Locked at Arrival:	n/a
Condition of Well:	Fair, Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01		Well ID	MW-48		Date	5-26-20	
Project Name/Location	Ford LTP		Weather	83 degrees F, Mostly Clear				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	8.49	Total Depth (ft-bmp)	20.23	Water Column (ft.)	11.74	Gallons in Well	1.91	
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	1.26					
Sample Time:	Label	13:38	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
	Purge Start	12:37						
	Purge End	13:41						

Julia McClafferty

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:37	0	150	8.87	0.00	7.15	2.78	34.80	0.58	15.5	38.2	Clear, Small Brown Particulates	No Odor
12:42	5	150	8.83	0.20	7.27	2.83	39.80	0.18	15.9	-16.5	Clear, Small Brown Particulates	No Odor
12:47	5	150	8.89	0.40	7.34	2.71	21.60	0.18	16.0	-32.3	Clear, Small Brown Particulates	No Odor
12:52	5	150	8.94	0.60	7.41	2.74	14.70	0.09	15.5	-42.2	Clear, Small Brown Particulates	No Odor
12:57	5	150	8.90	0.80	7.44	2.94	9.24	0.08	15.4	-49.9	Clear, Small Brown Particulates	No Odor
13:02	5	150	8.86	1.00	7.47	3.21	8.24	0.08	15.5	-55.5	Clear, Small Brown Particulates	No Odor
13:07	5	150	8.82	1.20	7.49	3.53	7.73	0.08	16.0	-61.7	Clear, Small Brown Particulates	No Odor
13:12	5	150	8.81	1.40	7.49	3.82	5.23	0.09	15.8	-62.9	Clear, Small Brown Particulates	No Odor
13:17	5	150	8.86	1.60	7.48	4.06	4.54	0.07	15.7	-62.9	Clear, Small Brown Particulates	No Odor
13:22	5	150	8.92	1.80	7.48	4.20	4.40	0.08	15.4	-63.3	Clear, Small Brown Particulates	No Odor
13:27	5	150	8.97	2.00	7.45	4.32	4.44	0.06	15.6	-61.1	Clear	No Odor
13:32	5	150	9.00	2.20	7.48	4.42	3.11	0.06	16.0	-61.8	Clear	No Odor
13:37	5	150	9.01	2.40	7.46	4.50	4.95	0.05	15.6	-60.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes				
Gallons/Foot	2" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
6" = 1.47				

Well Information				
Well Location:	In roadway, east of test track	Well Locked at Arrival:	n/a	
Condition of Well:	Broken thread tabs, Missing bolts, Poor	Well Locked at Departure:	n/a	
Well Completion:	Flush mount	Lock Functioning:	n/a	



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-49	Date	5-27-20			
Project Name/Location	Ford LTP			Weather	78 degrees F, Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.5-17.5	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	6.30	Total Depth (ft-bmp)	17.13	Water Column (ft.)	10.83			
		Pump Intake (ft-bmp)	15.00	Gallons in Well	1.76			
		Well Volumes Purged	0.91	Purge Method	Low-Flow			
				Sample Method	Grab			
Sample Time:	Label	13:47	Volume Purged	1.6 gallons	Replicate/Code No.	DUP-03	Sampled by	Heather Woodrum
	Purge Start	13:05						
	Purge End	13:55						

Heather Woodrum

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	150	6.54	0.00	7.06	5.55	28.30	0.96	18.9	-125.0	Small Black Particulates	No Odor
13:10	5	150	6.54	0.20	7.09	5.28	52.40	0.43	18.1	-122.3	Small Black Particulates	No Odor
13:15	5	150	6.54	0.40	7.12	4.82	19.40	0.29	18.2	-118.6	Small Black Particulates	No Odor
13:20	5	150	6.54	0.60	7.14	4.48	24.50	0.24	17.9	-116.6	Small Black Particulates	No Odor
13:25	5	150	6.54	0.80	7.16	4.10	9.83	0.18	17.7	-114.6	Small Black Particulates	No Odor
13:30	5	150	6.54	1.00	7.16	3.87	5.73	0.17	17.8	-114.6	Small Black Particulates	No Odor
13:35	5	150	6.54	1.20	7.03	3.79	5.42	0.14	17.6	-107.0	Small Black Particulates	No Odor
13:40	5	150	6.54	1.40	7.03	3.75	5.37	0.16	17.7	-107.2	Small Black Particulates	No Odor
13:45	5	150	6.54	1.60	7.04	3.69	5.44	0.11	17.8	-107.3	Small Black Particulates	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	Parking lot near track fence	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-50	Date	5-26-20			
Project Name/Location	Ford LTP			Weather	74 degrees F, Mostly Clear			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	6.53	Total Depth (ft-bmp)	18.79	Water Column (ft.)	12.26			
		Pump Intake (ft-bmp)	18.50	Gallons in Well	1.99			
		Well Volumes Purged	1.01	Purge Method	Low-Flow			
				Sample Method	Grab			
Sample Time:	Label	10:46	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
	Purge Start	9:56						
	Purge End	10:49						

Julia McClafferty

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:56	0	150	6.76	0.00	7.07	1.64	54.80	0.96	15.0	5.4	Clear, Small Black Particulates, Sm	No Odor
10:01	5	150	6.73	0.20	6.80	2.35	30.90	0.63	15.1	23.5	Clear, Small Brown Particulates	No Odor
10:06	5	150	6.74	0.40	6.85	2.84	18.10	0.49	15.1	23.4	Clear, Small Brown Particulates	No Odor
10:11	5	150	6.75	0.60	6.87	3.27	13.70	0.42	14.9	24.7	Clear, Small Brown Particulates	No Odor
10:16	5	150	7.76	0.80	6.89	3.52	9.40	0.42	14.8	24.3	Clear	No Odor
10:21	5	150	6.76	1.00	6.91	3.77	7.93	0.35	15.0	24.3	Clear	No Odor
10:26	5	150	6.77	1.20	6.91	3.94	4.86	0.28	15.0	24.3	Clear	No Odor
10:31	5	150	6.77	1.40	6.91	4.12	3.80	0.23	14.9	24.5	Clear	No Odor
10:36	5	150	6.77	1.60	6.90	4.24	2.35	0.18	14.8	24.8	Clear	No Odor
10:41	5	150	6.77	1.80	6.91	4.29	2.51	0.17	14.9	24.2	Clear	No Odor
10:46	5	150	6.77	2.00	6.91	4.36	2.42	0.13	14.7	24.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments: All 3 screws are stripped

Well Casing Volumes				
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
6" = 1.47				

Well Information	
Well Location:	North of trailer
Condition of Well:	Poor
Well Completion:	Flush mount
Well Locked at Arrival:	n/a
Well Locked at Departure:	n/a
Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-52			Date	5-30-20
Project Name/Location	Ford LTP		Weather		65 degrees F. Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.60	Total Depth (ft-bmp)	19.42	Water Column (ft.)	12.82	Gallons in Well	2.08
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.44				
Sample Time:	Label	12:14	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	11:31					Xenia Chan
	Purge End	12:17					

Ahr

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Across from W parking lots	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-53	Date	5-21-20			
Project Name/Location	Ford LTP			Weather	60 degrees F, Partly Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	5.66	Total Depth (ft-bmp)	20.81	Water Column (ft.)	15.15			
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow			
		Well Volumes Purged	0.88		MW-53-			
Sample Time:	Label	10:32	Volume Purged	2.16 gallons	Replicate/Code No.	MS_052120,MW-53-MSD_052120	Sampled by	Julia McClafferty
	Purge Start	9:30						
	Purge End	10:40						

Julia McClafferty

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	140	6.01	0.00	7.78	0.23	19.10	6.73	11.4	-15.3	Clear, Small White Particulates	No Odor
9:35	5	140	5.97	0.18	7.66	0.20	18.20	6.76	11.4	-6.8	Clear, Small White Particulates	No Odor
9:40	5	140	5.97	0.36	7.72	0.19	27.50	6.19	11.3	-2.5	Clear, Small White Particulates	No Odor
9:45	5	140	5.98	0.54	7.79	0.21	22.40	5.63	11.3	-1.7	Clear, Small White Particulates	No Odor
9:50	5	140	5.98	0.72	7.83	0.24	18.30	5.10	11.3	0.5	Clear, Small White Particulates	No Odor
9:55	5	140	5.58	0.90	7.83	0.26	14.50	4.76	11.3	4.4	Clear, Small White Particulates	No Odor
10:00	5	140	6.02	1.08	7.86	0.29	12.00	4.44	11.3	6.1	Clear, Small White Particulates	No Odor
10:05	5	140	6.02	1.26	7.81	0.36	8.41	3.58	11.3	14.5	Clear	No Odor
10:10	5	140	6.03	1.44	7.78	0.44	7.42	3.28	11.3	21.6	Clear	No Odor
10:15	5	140	6.03	1.62	7.77	0.53	5.85	2.98	11.4	25.4	Clear	No Odor
10:20	5	140	6.03	1.80	7.76	0.60	4.98	2.74	11.4	28.7	Clear	No Odor
10:25	5	140	6.05	1.98	7.73	0.75	4.55	2.49	11.4	34.8	Clear	No Odor
10:30	5	140	6.05	2.16	7.72	0.78	3.96	2.37	11.4	35.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	Far north east of site	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01		Well ID	MW-54		Date	5-21-20	
Project Name/Location	Ford LTP		Weather	55 degrees F, Mostly Cloudy				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	6.45	Total Depth (ft-bmp)	20.84	Water Column (ft.)	14.39	Gallons in Well	2.34	
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	0.95					
Sample Time:	Label	9:02	Volume Purged	2.22 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
	Purge Start	8:02						
	Purge End	9:05						

Julia McClafferty

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:02	0	150	5.54	0.00	7.33	8.09	5.59	2.01	11.4	143.4	Clear, Small Orange Particulates	No Odor
8:07	5	150	5.54	0.20	7.34	8.85	22.00	0.34	10.5	122.2	Clear, Small Orange Particulates	No Odor
8:12	5	150	5.55	0.40	7.36	8.87	19.10	0.20	10.4	104.6	Clear	No Odor
8:17	5	150	5.57	0.60	7.38	8.86	15.90	0.20	10.4	92.3	Clear	No Odor
8:22	5	150	5.55	0.80	7.39	8.83	11.10	0.13	10.4	75.5	Clear	No Odor
8:27	5	150	5.53	1.00	7.40	8.85	9.87	0.15	10.4	66.5	Clear	No Odor
8:32	5	150	5.54	1.20	7.40	8.87	7.45	0.12	10.4	56.8	Clear	No Odor
8:37	5	150	5.54	1.40	7.40	8.89	5.23	0.13	10.4	46.7	Clear	No Odor
8:42	5	150	5.55	1.60	7.38	8.91	5.18	0.85	10.4	39.4	Clear	No Odor
8:47	5	150	5.55	1.62	7.39	8.91	3.89	0.20	10.4	33.6	Clear	No Odor
8:52	5	150	5.55	1.82	7.40	8.92	3.02	0.14	10.4	25.7	Clear	No Odor
8:57	5	150	5.55	2.02	7.40	8.94	2.43	0.12	10.4	20.6	Clear	No Odor
9:02	5	150	5.55	2.22	7.40	8.96	2.55	0.11	10.4	18.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	Far northeast of site	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-54S	Date	5-21-20			
Project Name/Location	Ford LTP			Weather	65 degrees F, Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	1.52	Total Depth (ft-bmp)	9.28	Water Column (ft.)	7.76			
		Pump Intake (ft-bmp)	3.02	Gallons in Well	1.26			
		Well Volumes Purged	1.67	Purge Method	Low-Flow			
Sample Time:	Label	15:11	Volume Purged	2.1 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
	Purge Start	14:19						
	Purge End	15:14						

Julia McClafferty

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:19	0	160	1.63	0.00	8.59	0.18	27.50	8.40	13.5	27.4	Clear	No Odor
14:24	5	160	1.70	0.21	8.55	0.15	17.90	7.92	13.0	45.0	Clear	No Odor
14:29	5	160	1.74	0.42	8.74	0.15	16.10	7.90	12.8	41.7	Clear	No Odor
14:34	5	160	1.79	0.63	8.92	0.15	13.80	7.78	12.8	34.0	Clear	No Odor
14:39	5	160	1.82	0.84	9.03	0.15	12.60	7.75	12.7	28.0	Clear	No Odor
14:44	5	160	1.85	1.05	9.03	0.15	13.00	7.63	12.7	28.5	Clear	No Odor
14:49	5	160	1.87	1.26	9.11	0.16	12.30	8.12	12.7	21.4	Clear	No Odor
14:54	5	160	1.88	1.47	9.08	0.16	12.00	8.10	12.7	24.2	Clear	No Odor
14:59	5	160	1.90	1.68	8.93	0.16	10.90	8.05	12.6	32.6	Clear	No Odor
15:04	5	160	1.92	1.89	9.00	0.16	10.40	7.93	12.6	28.7	Clear	No Odor
15:09	5	160	1.93	2.10	8.95	0.16	10.50	7.97	12.6	30.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments: Well vault full of water. J-plug was tightly secured. Bailed out water before removing the J-plug and sampling

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information		
Well Location:	Far northeast of site	Well Locked at Arrival: n/a
Condition of Well:	Good	Well Locked at Departure: n/a
Well Completion:	Flush mount	Lock Functioning: n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-57	Date	5-20-20
Project Name/Location	Ford LTP			Weather	63 degrees F, Mostly Cloudy
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2
Static Water Level (ft-bmp)	5.15	Total Depth (ft-bmp)	21.66	Water Column (ft.)	16.51
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow
		Well Volumes Purged	0.81		
Sample Time:	Label	15:07	Volume Purged	2.16 gallons	Replicate/Code No.
	Purge Start	14:03			--
	Purge End	15:10			
				Sampled by	Julia McClafferty

Julia McClafferty

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:03	0	140	5.78	0.00	11.84	4.80	34.50	4.86	13.9	57.5	Clear	No Odor
14:08	5	140	5.92	0.18	11.83	5.14	30.10	3.93	13.9	55.2	Clear	No Odor
14:13	5	140	6.15	0.36	11.66	5.63	21.50	2.82	13.7	53.3	Clear	No Odor
14:18	5	140	6.27	0.54	11.42	6.01	15.70	2.23	13.8	52.8	Clear	No Odor
14:23	5	140	6.37	0.72	11.21	6.27	14.90	1.93	13.6	53.0	Clear	No Odor
14:28	5	140	6.48	0.90	10.57	6.56	22.20	1.61	13.7	54.3	Clear	No Odor
14:33	5	140	6.57	1.08	10.22	6.80	30.80	1.24	13.6	55.0	Clear	No Odor
14:38	5	140	6.60	1.26	9.89	7.03	37.90	1.02	13.6	55.8	Clear	No Odor
14:43	5	140	6.63	1.44	9.62	7.22	39.60	0.82	13.5	56.3	Clear	No Odor
14:48	5	140	6.65	1.62	9.42	7.39	38.20	0.65	13.6	56.6	Clear	No Odor
14:53	5	140	6.63	1.80	9.19	7.58	30.80	0.49	16.7	56.7	Clear	No Odor
14:58	5	140	6.65	1.98	9.11	7.67	27.60	0.40	13.6	56.5	Clear	No Odor
15:03	5	140	6.67	2.16	8.94	7.76	21.00	1.19	13.5	58.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information	
Well Location:	Next to yellow bollard
Condition of Well:	Good
Well Completion:	Flush mount
Well Locked at Arrival:	n/a
Well Locked at Departure:	n/a
Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-62	Date	5-26-20			
Project Name/Location	Ford LTP			Weather	71 degrees F, Partly Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	7.60	Total Depth (ft-bmp)	21.15	Water Column (ft.)	13.55			
		Pump Intake (ft-bmp)	18.50	Gallons in Well	2.20			
		Well Volumes Purged	0.93	Purge Method	Low-Flow			
Sample Time:	Label	9:35	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
	Purge Start	8:35						
	Purge End	9:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:35	0	130	7.65	0.00	7.10	6.39	17.80	0.73	15.5	166.9	Clear, Small Orange Particulates	No Odor
8:40	5	130	7.65	0.17	7.21	6.14	34.10	0.26	15.2	107.5	Clear, Small Orange Particulates	No Odor
8:45	5	130	7.65	0.34	7.21	5.85	39.60	0.24	15.2	94.3	Clear, Small Orange Particulates	No Odor
8:50	5	130	7.65	0.51	7.23	5.51	32.40	0.18	15.1	80.9	Clear, Small Orange Particulates	No Odor
8:55	5	130	7.65	0.68	7.23	5.43	21.50	0.14	15.0	69.0	Clear, Small Orange Particulates	No Odor
9:00	5	130	7.65	0.85	7.22	5.42	22.00	0.14	15.0	56.2	Clear, Small Orange Particulates	No Odor
9:05	5	130	7.65	1.02	7.19	5.43	12.00	0.15	15.0	38.5	Clear, Small Orange Particulates	No Odor
9:10	5	130	7.65	1.19	7.18	5.46	11.80	0.13	15.1	27.5	Clear, Small Orange Particulates	No Odor
9:15	5	130	7.65	1.36	7.18	5.49	10.60	0.13	15.1	14.4	Clear, Small Orange Particulates	No Odor
9:20	5	130	7.65	1.53	7.18	5.52	8.69	0.15	15.1	4.2	Clear, Small Orange Particulates	No Odor
9:25	5	130	7.65	1.70	7.18	5.54	6.83	0.13	15.1	-7.0	Clear, Small Orange Particulates	No Odor
9:30	5	130	7.65	1.87	7.18	5.54	6.54	0.10	15.2	-16.6	Clear, Small Orange Particulates	No Odor
9:35	5	130	7.65	2.04	7.17	5.55	6.70	0.11	15.2	-23.5	Clear, Small Orange Particulates	No Odor
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*Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments: _____

None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information				
Well Location:	Across from gate	Well Locked at Arrival:	n/a	
Condition of Well:	Good	Well Locked at Departure:	n/a	
Well Completion:	Flush mount	Lock Functioning:	n/a	

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-63			Date	5-26-20
Project Name/Location	Ford LTP		Weather		78 degrees F. Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.01	Total Depth (ft-bmp)	11.79	Water Column (ft.)	4.78	Gallons in Well	0.78
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.54				
Sample Time:	Label	11:45	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	11:11					Julia McClafferty
	Purge End	11:48					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Location:	Across from white tanks	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-64	Date	5-26-20			
Project Name/Location	Ford LTP			Weather	83 degrees F, Mostly Clear			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	8.44	Total Depth (ft-bmp)	20.05	Water Column (ft.)	11.61			
		Pump Intake (ft-bmp)	17.50	Gallons in Well	1.89			
		Well Volumes Purged	0.83	Purge Method	Low-Flow			
Sample Time:	Label	14:01	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start	13:00						
	Purge End	14:06						

Gary Schafer

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	100	8.45	0.00	7.09	11.56	11.10	0.63	15.5	38.6	Clear	No Odor
13:05	5	100	8.45	0.13	7.11	11.60	5.70	0.43	15.3	29.8	Clear, Small Brown Particulates	No Odor
13:10	5	100	8.46	0.26	7.13	11.65	5.20	0.34	14.8	15.8	Clear, Small Brown Particulates	No Odor
13:15	5	100	8.46	0.39	7.14	11.62	4.55	0.33	14.8	8.9	Clear, Small Brown Particulates	No Odor
13:20	5	100	8.46	0.52	7.13	11.53	4.71	0.25	14.6	3.1	Clear, Small Brown Particulates	No Odor
13:25	5	100	8.46	0.65	7.12	11.50	5.10	0.27	14.7	2.8	Clear, Small Brown Particulates	No Odor
13:30	5	100	8.46	0.78	7.13	11.60	5.95	0.25	14.8	1.8	Clear, Small Brown Particulates	No Odor
13:35	5	100	8.46	0.91	7.13	11.54	4.71	0.24	14.8	-8.9	Clear, Small Brown Particulates	No Odor
13:40	5	100	8.46	1.04	7.13	11.48	4.10	0.22	14.7	-14.7	Clear, Small Brown Particulates	No Odor
13:45	5	100	8.47	1.17	7.12	11.42	4.32	0.19	14.2	-19.2	Clear, Small Brown Particulates	No Odor
13:50	5	100	8.47	1.30	7.13	11.41	4.10	0.17	14.4	-20.0	Clear	No Odor
13:55	5	100	8.47	1.43	7.14	11.39	4.58	0.14	14.7	-22.7	Clear	No Odor
14:00	5	100	8.47	1.56	7.13	11.32	3.69	0.13	14.5	-25.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	MW-64	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-65	Date	5-26-20
Project Name/Location	Ford LTP			Weather	80 degrees F, Mostly Clear
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2
Static Water Level (ft-bmp)	8.10	Total Depth (ft-bmp)	21.09	Water Column (ft.)	12.99
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow
		Well Volumes Purged	1.00		
Sample Time:	Label	13:27	Volume Purged	2.1 gallons	Replicate/Code No.
	Purge Start	12:25			--
	Purge End	13:34			
				Sampled by	Rachel Bielak

Rachel Bielak

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:27	0	150	8.10	0.00	7.46	4.75	284.00	2.06	15.1	-67.5	Cloudy, Small Orange Particulates, Yell	No Odor
12:32	5	150	8.15	0.20	7.40	4.33	184.00	0.19	14.0	-105.9	Brown, Cloudy, Small Orange Particulates, Yell	No Odor
12:37	5	125	8.14	0.40	7.39	4.31	112.00	0.11	13.8	-117.5	Cloudy, Yellow	No Odor
12:42	5	125	8.14	0.57	7.38	4.28	70.50	0.11	13.8	-125.0	Cloudy, Yellow	No Odor
12:47	5	125	8.14	0.74	7.38	4.26	51.10	0.10	14.0	-128.4	Yellow	No Odor
12:52	5	125	8.14	0.91	7.37	4.26	39.40	0.09	13.7	-130.4	Yellow	No Odor
12:57	5	125	8.14	1.08	7.36	4.22	34.80	0.13	13.8	-131.1	Yellow	No Odor
13:02	5	125	8.14	1.25	7.34	4.18	32.60	0.06	14.0	-131.7	Yellow	No Odor
13:07	5	125	8.14	1.42	7.34	4.18	24.10	0.06	14.2	-132.6	Clear, Yellow	No Odor
13:12	5	125	8.14	1.59	7.34	4.19	24.60	0.04	13.8	-132.1	Clear	No Odor
13:17	5	125	8.14	1.76	7.33	4.15	18.60	0.02	13.9	-132.5	Clear	No Odor
13:22	5	125	8.14	1.93	7.34	4.14	19.90	0.03	14.0	-132.9	Clear	No Odor
13:27	5	125	8.14	2.10	7.34	4.15	18.00	0.04	13.8	-133.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	In grass between test track and road with test strips	Well Locked at Arrival:	n/a
Condition of Well:	Good, Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-66	Date	5-26-20			
Project Name/Location	Ford LTP			Weather	83 degrees F, Mostly Clear			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	6.48	Total Depth (ft-bmp)	19.01	Water Column (ft.)	12.53			
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow			
		Well Volumes Purged	0.85					
Sample Time:	Label	14:47	Volume Purged	1.73 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
	Purge Start	13:55						
	Purge End	14:54						

Rachel Bielak

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:57	0	150	6.48	0.00	7.60	4.57	4.66	0.31	15.2	-129.9	Clear	No Odor
14:02	5	125	6.65	0.20	7.61	4.59	36.80	0.28	15.1	-149.8	Clear	No Odor
14:07	5	125	6.61	0.37	7.59	4.55	21.60	0.22	15.4	-159.7	Clear	No Odor
14:12	5	125	6.60	0.54	7.58	4.56	11.30	0.14	14.9	-161.0	Clear	No Odor
14:17	5	125	6.62	0.71	7.56	4.56	9.31	0.16	15.0	-160.4	Clear	No Odor
14:22	5	125	6.62	0.88	7.55	4.55	8.81	0.17	14.8	-159.6	Clear	No Odor
14:27	5	125	6.62	1.05	7.54	4.54	6.08	0.16	14.9	-159.3	Clear	No Odor
14:32	5	125	6.61	1.22	7.53	4.56	5.66	0.10	14.9	-158.4	Clear	No Odor
14:37	5	125	6.61	1.39	7.53	4.57	4.68	0.05	14.8	-157.3	Clear	No Odor
14:42	5	125	6.62	1.56	7.52	4.59	4.69	0.05	15.2	-157.3	Clear	No Odor
14:47	5	125	6.62	1.73	7.52	4.62	4.20	0.05	15.2	-157.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information		
Well Location:	North end of east parking row inside test track	Well Locked at Arrival: n/a
Condition of Well:	Broken thread tabs, Fair	Well Locked at Departure: n/a
Well Completion:	Flush mount	Lock Functioning: n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-67	Date	5-26-20			
Project Name/Location	Ford LTP			Weather	85 degrees F, Partly Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	9.30	Total Depth (ft-bmp)	14.02	Water Column (ft.)	4.72			
		Pump Intake (ft-bmp)	11.50	Gallons in Well	0.77			
		Well Volumes Purged	2.03	Purge Method	Low-Flow			
				Sample Method	Grab			
Sample Time:	Label	15:56	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start	13:55						
	Purge End	16:04						

Gary Schafer

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:55	0	100	9.33	0.00	7.03	5.68	13.00	0.54	14.2	36.2	Clear, Small Orange Particulates	No Odor
15:00	5	100	9.33	0.13	7.05	5.69	5.88	0.43	14.0	31.6	Clear, Small Orange Particulates	No Odor
15:05	5	100	9.33	0.26	7.05	5.70	8.43	0.30	13.6	15.8	Clear, Small Orange Particulates	No Odor
15:10	5	100	9.33	0.39	7.06	5.72	9.60	0.17	13.6	3.5	Clear, Small Orange Particulates	No Odor
15:15	5	100	9.35	0.52	7.06	5.76	9.80	0.18	13.5	-4.6	Clear, Small Orange Particulates	No Odor
15:20	5	100	9.35	0.65	7.05	5.91	8.87	0.16	13.3	-12.7	Clear, Small Orange Particulates	No Odor
15:25	5	100	9.35	0.78	7.04	5.99	6.54	0.14	13.4	-15.2	Clear, Small Orange Particulates	No Odor
15:30	5	100	9.35	0.91	7.04	6.09	6.32	0.11	13.4	-20.2	Clear, Small Orange Particulates	No Odor
15:35	5	100	9.35	1.04	7.05	6.19	6.10	0.12	13.3	-25.0	Clear, Small Orange Particulates	No Odor
15:40	5	100	9.35	1.17	7.04	6.26	5.69	0.11	13.2	-25.5	Clear, Small Orange Particulates	No Odor
15:45	5	100	9.35	1.30	7.04	6.32	5.11	0.10	13.2	-32.4	Clear, Small Orange Particulates	No Odor
15:50	5	100	9.35	1.43	7.04	6.36	6.22	0.09	13.1	-33.6	Clear, Small Orange Particulates	No Odor
15:55	5	100	9.35	1.56	7.04	6.90	5.66	0.09	13.1	-36.2	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	MW-67	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-68			Date	5-26-20
Project Name/Location	Ford LTP		Weather		85 degrees F. Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.19	Total Depth (ft-bmp)	19.84	Water Column (ft.)	10.65	Gallons in Well	1.73
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.64				
Sample Time:	Label	14:36	Volume Purged	1.1 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	14:04					Julia McClafferty
	Purge End	14:40					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Near gate 2	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs, Missing bolts, Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-69	Date	5-26-20
Project Name/Location	Ford LTP			Weather	74 degrees F, Mostly Clear
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2
Static Water Level (ft-bmp)	9.08	Total Depth (ft-bmp)	19.90	Water Column (ft.)	10.01
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow
		Well Volumes Purged	0.96		
Sample Time:	Label	12:23	Volume Purged	1.56 gallons	Replicate/Code No.
	Purge Start	11:22			--
	Purge End	12:29			
					Sampled by Gary Schafer

Gary Schafer

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:22	0	100	9.23	0.00	7.11	20.80	18.30	0.43	13.8	-107.5	Clear,Turbid	No Odor
11:27	5	100	9.23	0.13	7.09	20.77	18.20	0.30	13.9	-106.9	Clear,Turbid	No Odor
11:32	5	100	9.23	0.26	7.09	20.51	26.40	0.27	14.0	-108.7	Clear,Turbid	No Odor
11:37	5	100	9.23	0.39	7.09	20.44	26.00	0.20	13.7	-103.8	Clear,Turbid	No Odor
11:42	5	100	9.23	0.52	7.10	20.27	21.30	0.16	13.8	-110.5	Clear,Turbid	No Odor
11:47	5	100	9.23	0.65	7.10	20.17	23.60	0.15	13.8	-111.4	Clear,Turbid	No Odor
11:52	5	100	9.23	0.78	7.11	19.80	21.90	0.13	14.0	-112.2	Clear,Turbid	No Odor
11:57	5	100	9.23	0.91	7.11	19.75	19.40	0.12	14.0	-112.6	Clear,Cloudy	No Odor
12:02	5	100	9.23	1.04	7.11	19.64	16.60	0.14	14.0	-112.8	Clear,Turbid	No Odor
12:07	5	100	9.23	1.17	7.12	19.49	15.30	0.13	13.9	-112.8	Clear,Turbid	No Odor
12:12	5	100	9.23	1.30	7.12	19.38	14.40	0.13	14.0	-112.7	Clear,Turbid	No Odor
12:17	5	100	9.24	1.43	7.12	19.33	12.90	0.12	14.1	-113.2	Clear,Turbid	No Odor
12:22	5	100	9.24	1.56	7.12	19.30	11.80	0.13	14.0	-110.8	Small White Particulates,Turbid	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	MW-69	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-70			Date	5-21-20
Project Name/Location	Ford LTP		Weather		65 degrees F. Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.32	Total Depth (ft-bmp)	20.12	Water Column (ft.)	8.80	Gallons in Well	1.43
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.98				
Sample Time:	Label	13:41	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	13:03					Julia McClafferty
	Purge End	13:44					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Across from parking lot A	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs, Missing bolts, Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-71	Date	5-22-20
Project Name/Location	Ford LTP			Weather	60 degrees F, Light Rain and Fog/Mist
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2
Static Water Level (ft-bmp)	12.69	Total Depth (ft-bmp)	20.16	Water Column (ft.)	7.47
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow
		Well Volumes Purged	1.71		
Sample Time:	Label	10:23	Volume Purged	2.07 gallons	Replicate/Code No.
	Purge Start	9:23			--
	Purge End	10:28			
					Sampled by
					Rachel Bielak

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:23	0	150	12.69	0.00	7.09	21.42	21.70	1.87	14.9	-85.2	Clear	No Odor
9:28	5	125	12.95	0.20	6.98	22.09	19.30	0.47	14.8	-99.9	Clear, Small Orange Particulates	No Odor
9:33	5	125	12.95	0.37	6.99	22.07	24.20	0.23	14.7	-98.4	Clear, Small Orange Particulates	No Odor
9:38	5	125	12.95	0.54	7.00	21.91	29.20	0.27	14.7	-95.6	Clear, Small Orange Particulates	No Odor
9:43	5	125	12.95	0.71	7.00	21.38	35.60	0.40	14.7	-92.5	Clear, Small Orange Particulates	No Odor
9:48	5	125	12.95	0.88	7.00	21.34	33.30	0.33	14.7	-91.6	Clear, Small Orange Particulates	No Odor
9:53	5	125	12.95	1.05	7.00	21.40	24.30	0.29	14.7	-90.9	Clear, Small Orange Particulates	No Odor
9:58	5	125	12.95	1.22	7.00	21.55	22.20	0.26	14.8	-90.4	Clear, Small Orange Particulates	No Odor
10:03	5	125	12.95	1.39	7.00	21.63	16.50	0.20	14.8	-90.3	Clear, Small Orange Particulates	No Odor
10:08	5	125	12.95	1.56	7.00	21.70	12.50	0.20	14.8	-90.5	Clear, Small Orange Particulates	No Odor
10:13	5	125	12.95	1.73	7.00	21.78	14.10	0.14	14.6	-90.9	Clear, Small Orange Particulates	No Odor
10:18	5	125	12.95	1.90	7.00	21.80	15.20	0.12	14.6	-91.2	Clear, Small Orange Particulates	No Odor
10:23	5	125	12.95	2.07	7.00	21.75	18.90	0.13	14.7	-91.1	Clear, Small Orange Particulates	No Odor
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*Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments: _____

None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information	
Well Location:	Between parking spot 211 and 212
Condition of Well:	Good
Well Completion:	Flush mount
Well Locked at Arrival:	n/a
Well Locked at Departure:	n/a
Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.401.01	Well ID	MW-208S	Date	5-30-20			
Project Name/Location	Ford LTP			Weather	65 degrees F, Mostly Clear			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	9.72	Total Depth (ft-bmp)	15.59	Water Column (ft.)	5.87			
		Pump Intake (ft-bmp)	11.22	Gallons in Well	PVC			
		Well Volumes Purged	2.15	Purge Method	Low-Flow			
				Sample Method	Grab			
Sample Time:	Label	12:30	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
	Purge Start	11:28						
	Purge End	12:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	125	9.72	0.00	7.43	3.26	289.00	1.72	14.8	-57.9	Small Orange Particulates, Yellow	No Odor
11:35	5	125	9.74	0.17	7.39	3.19	250.00	1.25	14.6	-65.2	Small Orange Particulates, Yellow	No Odor
11:40	5	125	9.73	0.34	7.39	3.14	195.00	1.22	14.1	-69.9	Small Orange Particulates, Yellow	No Odor
11:45	5	125	9.74	0.51	7.38	3.09	109.00	1.33	14.2	-71.0	Small Orange Particulates, Yellow	No Odor
11:50	5	125	9.74	0.68	7.36	3.07	51.70	1.85	14.3	-65.7	Yellow Clear, Small Orange Particulates	No Odor
11:55	5	125	9.74	0.85	7.35	3.02	32.60	2.30	14.4	-60.8	Yellow Clear, Small Orange Particulates	No Odor
12:00	5	125	9.74	1.02	7.33	2.97	18.80	2.30	14.6	-55.4	Clear	No Odor
12:05	5	125	9.74	1.19	7.32	2.89	12.30	2.58	14.2	-52.0	Clear	No Odor
12:10	5	125	9.74	1.36	7.32	2.85	10.20	2.67	14.0	-50.5	Clear	No Odor
12:15	5	125	9.74	1.53	7.32	2.81	6.49	2.56	14.2	-50.0	Clear	No Odor
12:20	5	125	9.74	1.70	7.31	2.77	4.93	2.44	14.1	-47.0	Clear	No Odor
12:25	5	125	9.74	1.87	7.31	2.74	4.16	2.47	14.1	-47.0	Clear	No Odor
12:30	5	125	9.74	2.04	7.31	2.71	2.93	2.51	14.2	-44.8	Clear	No Odor
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*Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments: Rubber gasket not seated

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	In rocks along roadway	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-209S			Date	5-30-20
Project Name/Location	Ford LTP		Weather		58 degrees F. Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.07	Total Depth (ft-bmp)	12.72	Water Column (ft.)	3.65	Gallons in Well	0.59
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.34				
Sample Time:	Label	Volume Purged	0.79 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
	Purge Start	8:30					
	Purge End	9:06					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Truck lane across from ATNPC door 5	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-210S			Date	5-30-20
Project Name/Location	Ford LTP		Weather		63 degrees F. Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.92	Total Depth (ft-bmp)	12.73	Water Column (ft.)	3.81	Gallons in Well	0.62
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.47				
Sample Time:	Label	11:52	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	11:15					Heather Woodrum
	Purge End	11:55					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:		Well Locked at Arrival:	
	Truck lane		n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-211S		Date	5-30-20
Project Name/Location	Ford LTP		Weather		63 degrees F. Partly Cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	PVC
Static Water Level (ft-bmp)	7.46	Total Depth (ft-bmp)	11.85	Water Column (ft.)	4.39	Gallons in Well
		Pump Intake (ft-bmp)	8.96	Purge Method	Low-Flow	Sample Method
		Well Volumes Purged	1.46			Grab
Sample Time:	Label	11:16	Volume Purged	1.04 gallons	Replicate/Code No.	--
	Purge Start	10:35				
	Purge End	11:21				
						<i>Gary</i>

Gang
Schief

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	MW-211S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-212S	Date	5-30-20			
Project Name/Location	Ford LTP			Weather	66 degrees F, Mostly Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	6.90	Total Depth (ft-bmp)	11.17	Water Column (ft.)	4.27			
		Pump Intake (ft-bmp)	8.40	Gallons in Well	PVC			
		Well Volumes Purged	1.88	Purge Method	Low-Flow			
Sample Time:	Label	13:51	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start	13:00						
	Purge End	13:56						

Gary Schafer

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	100	6.91	0.00	6.97	10.01	28.20	0.73	14.1	-23.3	Cloudy	No Odor
13:05	5	100	6.92	0.13	6.90	10.16	16.30	0.61	13.7	-20.3	Cloudy	No Odor
13:10	5	100	6.92	0.26	6.93	10.17	11.50	0.43	13.6	-19.3	Cloudy	No Odor
13:15	5	100	6.92	0.39	6.96	10.10	8.49	0.29	13.6	-18.1	Clear, Turbid	No Odor
13:20	5	100	6.92	0.52	6.97	10.07	6.96	0.25	13.5	-17.5	Clear	No Odor
13:25	5	100	6.92	0.65	7.00	9.98	5.87	0.20	13.6	-17.2	Clear	No Odor
13:30	5	100	6.92	0.78	7.01	9.94	5.72	0.17	13.4	-17.0	Clear	No Odor
13:35	5	100	6.92	0.91	7.03	9.87	5.14	0.17	13.4	-16.5	Clear	No Odor
13:40	5	100	6.92	1.04	7.04	9.81	4.87	0.16	13.3	-16.0	Clear	No Odor
13:45	5	100	6.92	1.17	7.06	9.80	4.81	0.19	13.7	-16.2	Clear	No Odor
13:50	5	100	6.92	1.30	7.06	9.80	4.41	0.18	13.7	-15.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information		
Well Location:	MW-212S	Well Locked at Arrival: n/a
Condition of Well:	Good	Well Locked at Departure: n/a
Well Completion:	Flush mount	Lock Functioning: n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	MW-213S			Date	5-30-20
Project Name/Location	Ford LTP		Weather		58 degrees F. Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.58	Total Depth (ft-bmp)	10.83	Water Column (ft.)	4.25	Gallons in Well	0.69
		Pump Intake (ft-bmp)	8.08	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.13				
Sample Time:	Label	9:23	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	8:48					Xenia Chan
	Purge End	9:27					

Ahr

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Across from E parking lots		Well Locked at Arrival:
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	PW-16-01		Date	5-27-20
Project Name/Location	Ford LTP		Weather		72 degrees F. Cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.7-19.7	Casing Diameter (in.)	6	PVC
Static Water Level (ft-bmp)	8.78	Total Depth (ft-bmp)	21.56	Water Column (ft.)	12.78	Gallons in Well
		Pump Intake (ft-bmp)	14.70	Purge Method	Low-Flow	Sample Method
		Well Volumes Purged	0.04			Grab
Sample Time:	Label	11:00	Volume Purged	0.78 gallons	Replicate/Code No.	
	Purge Start	10:22			--	
	Purge End	11:04				Xenia Chan

Aub

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	Broken lid but tight j-plug

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Inside the test track , south end	Well Locked at Arrival:	n/a
Condition of Well:	Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.401.01	Well ID	PW-16-02			Date	5-27-20
Project Name/Location	Ford LTP		Weather		70 degrees F. Haze		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	6	Well Material	PVC
Static Water Level (ft-bmp)	4.70	Total Depth (ft-bmp)	23.85	Water Column (ft.)	19.15	Gallons in Well	28.01
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.04				
Sample Time:	Label	9:48	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	9:02					Xenia Chan
	Purge End	9:52					

Ahr

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

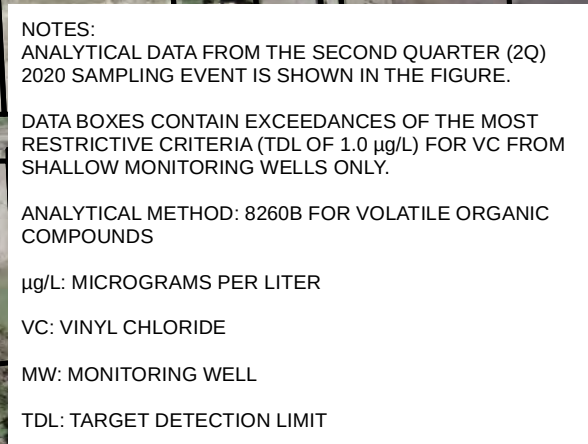
Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	Back of the lawn within the test track	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

APPENDIX B

Off-Site Residential Monitoring Wells





FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

2Q2020 SHALLOW MONITORING WELL RESULTS



Appendix B
Summary of Off-Site Groundwater Sampling Results -2Q 2020
Ford Livonia Transmission Plant

Location: Date: Screen Interval (ft. bgs):				MW-72 5/26/2020 15-20	MW-72S 5/20/2020 3-13	MW-73D 5/22/2020 13.5-18.5	MW-73SR 5/22/2020 2.5-12.5	MW-74 5/21/2020 14-19	MW-74S 5/21/2020 3-13	MW-75D 5/20/2020 12-17	MW-75SR 5/20/2020 2.5-12.5	MW-76 5/19/2020 15-20	MW-76S 5/19/2020 4.5-14.5	MW-77 NS 9-14	MW-77S NS 2.5-12.5	MW-78 5/19/2020 7-12	MW-78S 5/19/2020 2.5-12.5	MW-79D 5/20/2020 10-15
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	3.4	< 2.0	< 2.0	< 2.0	1.6 J	< 2.0	< 2.0	< 2.0	NS	NS	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0	1.6	1.5	0.96 J	< 1.0	< 1.0	0.36 J	< 1.0	NS	NS	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	0.19 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	2.1	< 1.0	0.28 J	1.4	< 1.0	< 1.0	1.3	0.59 J	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	1.8

Location: Date: Screen Interval (ft. bgs):				MW-79SR 5/20/2020 2.5-12.5	MW-80SR 5/19/2020 2.5-12.5	MW-81 NS 8-13	MW-81S NS 2.5-12.5	MW-82D NS 18-23	MW-82SR NS 5-15	MW-83 NS 8-13	MW-83S NS 3-13	MW-84 5/19/2020 8-13	MW-84S 5/19/2020 2.5-12.5	MW-85 5/19/2020 8-13	MW-85SR 5/19/2020 4.5-9.5	MW-86 NS 12-17	MW-86S NS 2.5-12.5	MW-87 NS 14-19
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	NS	NS	NS	NS	NS	NS	< 2.0	< 2.0	< 2.0	< 2.0	NS	NS	NS
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS
SW8260B	Vinyl chloride	1.0**	2.0	< 1.0	2.2	NS	NS	NS	NS	NS	NS	< 1.0	< 1.0	3.9	0.33 J	NS	NS	NS

Location: Date: Screen Interval (ft. bgs):				MW-87S NS 4.5-14.5	MW-88S 5/21/2020 3-13	MW-89S NS 3-13	MW-90S NS 2.5-12.5	MW-91S 5/20/2020 2.5-12.5	MW-92S NS 2.5-12.5	MW-93S NS 2.5-12.5	MW-94S NS 2.5-12.5	MW-95S NS 2.5-12.5	MW-96S NS 2.5-12.5	MW-97S NS 2.5-12.5	MW-98S 5/19/2020 2.5-12.5	MW-99S 5/21/2020 3-13	MW-100S 5/21/2020 3-13	MW-101S 5/20/2020 4.5-14.5
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	NS	< 2.0	NS	NS	< 2.0	NS	NS	NS	NS	NS	NS	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	NS	< 1.0	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	NS	< 1.0	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	0.45 J	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	NS	< 1.0	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	NS	< 1.0	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	NS	< 1.0	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	NS	< 1.0	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0

Notes:
All units are measured in micrograms per liter (µg/l).
All results are compared to the EGLE Part 201 Generic Cleanup Criteria, June 2018.
* Residential Drinking Water Criteria for 1,4-dioxane is derived from EGLE Proposed Rule Changes (September 2016) and Emergency Rules (October 27, 2016).
** Groundwater results for Trichloroethene and Vinyl Chloride are compared to the published EGLE Remediation and Redevelopment Division Target Detection Limit of 1.0 µg/l.
Bold Result exceeds residential Drinking Water criteria
< Result not detected above reporting limit.

Abbreviations:
DW drinking water
EGLE Michigan Department of Environment, Great Lakes, and Energy
ft. bgs feet below ground surface
J estimated result
UB analyte detected in associated blank
LTP Livonia Transmission Plant
NS Not Sampled

This document is a DRAFT document that has not received approval from the Michigan Department of Environment, Great Lakes, and Energy (EGLE). This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.

Appendix B
Summary of Off-Site Groundwater Sampling Results -2Q 2020
Ford Livonia Transmission Plant

Location: Date: Screen Interval (ft. bgs):				MW-102 5/22/2020 10-15	MW-102S 5/22/2020 2.5-12.5	MW-103S NS 2-7	MW-104S NS 9-14	MW-105S 5/20/2020 2.5-12.5	MW-106S 5/19/2020 2.5-12.5	MW-107S 5/19/2020 2.5-12.5	MW-108S 5/19/2020 2.5-12.5	MW-109S NS 2.5-12.5	MW-110S NS 8-13	MW-111S 5/26/2020 8-13	MW-112S 5/21/2020 2.5-12.5	MW-115S NS 2.5-12.5	MW-116S 5/20/2020 3-13	MW-117S NS 2.5-12.5
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	1.4 J	< 2.0	NS	NS	< 2.0	< 2.0	< 2.0	< 2.0	NS	NS	< 2.0	< 2.0	NS	< 2.0	NS
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	NS	< 1.0	NS
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	NS	< 1.0	NS
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	NS	< 1.0	NS
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	NS	< 1.0	NS
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	NS	< 1.0	NS
SW8260B	Vinyl chloride	1.0**	2.0	1.5	< 1.0	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	< 1.0	NS	< 1.0	NS

Location: Date: Screen Interval (ft. bgs):				MW-118S NS 2.5-12.5	MW-119S 5/20/2020 2.5-12.5	MW-121S NS 2.5-12.5	MW-123S NS 2.5-12.5	MW-125 NS 7-12	MW-125S NS 2-7	MW-126S NS 3-13	MW-127S NS 3-13	MW-128S 5/20/2020 4-14	MW-129 NS 10-15	MW-129S NS 2-7	MW-130S NS 3-13	MW-131S 5/19/2020 2.5-12.5	MW-132S 5/19/2020 2.5-12.5	MW-133S NS 4-9
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	NS	< 2.0	NS	NS	NS	NS	NS	NS	< 2.0	NS	NS	NS	1.1 J	< 2.0	NS
SW8260B	1,1-Dichloroethene	7.0	7.0	NS	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS	NS	< 1.0	< 1.0	NS
SW8260B	cis-1,2-Dichloroethene	70	70	NS	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS	NS	< 1.0	< 1.0	NS
SW8260B	Tetrachloroethene	5.0	5.0	NS	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS	NS	< 1.0	< 1.0	NS
SW8260B	trans-1,2-Dichloroethene	100	100	NS	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS	NS	< 1.0	< 1.0	NS
SW8260B	Trichloroethene	1.0**	5.0	NS	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS	NS	< 1.0	< 1.0	NS
SW8260B	Vinyl chloride	1.0**	2.0	NS	< 1.0	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS	NS	1.2	< 1.0	NS

Location: Date: Screen Interval (ft. bgs):				MW-134S NS 5-10	MW-135S NS 5-10	MW-136S 5/19/2020 2-7	MW-137S 5/19/2020 2-7	MW-138S 5/26/2020 2-7	MW-139S 5/19/2020 2-7	MW-140S 5/20/2020 2-7	MW-141S 5/20/2020 3-8	MW-142S 5/19/2020 2.5-7.5	MW-143S 5/26/2020 5.5-10.5	MW-144S 5/21/2020 7-12	MW-145S 5/22/2020 6-11	MW-146S NS 6-11	MW-147S NS 2-7	MW-148S NS 2-7
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	NS	NS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NS	NS	NS
SW8260B	1,1-Dichloroethene	7.0	7.0	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS
SW8260B	cis-1,2-Dichloroethene	70	70	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS
SW8260B	Tetrachloroethene	5.0	5.0	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS
SW8260B	trans-1,2-Dichloroethene	100	100	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS
SW8260B	Trichloroethene	1.0**	5.0	NS	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS
SW8260B	Vinyl chloride	1.0**	2.0	NS	NS	< 1.0	< 1.0	2.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS

Notes:
All units are measured in micrograms per liter (µg/l).
All results are compared to the EGLE Part 201 Generic Cleanup Criteria, June 2018.
* Residential Drinking Water Criteria for 1,4-dioxane is derived from EGLE Proposed Rule Changes (September 2016) and Emergency Rules (October 27, 2016).
** Groundwater results for Trichloroethene and Vinyl Chloride are compared to the published EGLE Remediation and Redevelopment Division Target Detection Limit of 1.0 µg/l.
Bold Result exceeds residential Drinking Water criteria
< Result not detected above reporting limit.

Abbreviations:
DW drinking water
EGLE Michigan Department of Environment, Great Lakes, and Energy
ft. bgs feet below ground surface
J estimated result
UB analyte detected in associated blank
LTP Livonia Transmission Plant
NS Not Sampled

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Appendix B
Summary of Off-Site Groundwater Sampling Results -2Q 2020
Ford Livonia Transmission Plant

Location: Date: Screen Interval (ft. bgs):				MW-149S NS 2-7	MW-150S NS 2-7	MW-151S NS 2.5-7.5	MW-152S NS 2.5-7.5	MW-153S NS 2-7	MW-154S NS 2-7	MW-155S NS 2-7	MW-156S NS 3-8	MW-157S NS 2.5-7.5	MW-158S NS 2.5-7.5	MW-159S NS 4-9	MW-160S NS 4-9	MW-161S 5/19/2020 2.5-7.5	MW-162S NS 3-8	MW-163S NS 2-7
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2.0	NS	NS
SW8260B	1,1-Dichloroethene	7.0	7.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS
SW8260B	cis-1,2-Dichloroethene	70	70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS
SW8260B	Tetrachloroethene	5.0	5.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS
SW8260B	trans-1,2-Dichloroethene	100	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS
SW8260B	Trichloroethene	1.0**	5.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS
SW8260B	Vinyl chloride	1.0**	2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS

Location: Date: Screen Interval (ft. bgs):				MW-164S 5/21/2020 3-8	MW-165S 5/20/2020 2-7	MW-166S 5/26/2020 6-11	MW-167S 5/21/2020 5-10	MW-168S NS 2-7	MW-169S NS 2-7	MW-170S 5/19/2020 4.5-9.5	MW-171S NS 2-7	MW-172S NS 4.5-9.5	MW-173S NS 5.5-10.5	MW-174S NS 5.5-10.5	MW-175S NS 6-11	MW-176S NS 5-10	MW-177S NS 4-9	MW-178S NS 4.5-9.5
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0	< 2.0	NS	NS	< 2.0	NS	NS	NS	NS	NS	NS	NS	NS
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	NS	NS
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	NS	NS
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	NS	NS
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	NS	NS
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	NS	NS
SW8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	NS	NS

Location: Date: Screen Interval (ft. bgs):				MW-179S NS 6-11	MW-180SR 5/20/2020 6.5-11.5	MW-181S 5/20/2020 3.5-8.5	MW-182S NS 4-9	MW-183S NS 8-13	MW-184S NS 4.5-9.5	MW-185S 5/19/2020 6-11	MW-186S NS 2-7.5	MW-187 NS 8-13	MW-187S NS 3-8	MW-188S NS 10-15	MW-189 NS 10-15	MW-189S NS 4.5-95	MW-190 NS 9-14	MW-190S NS 2.5-7.5
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	NS	1.1 J	< 2.0	NS	NS	NS	< 2.0	NS	NS	NS	NS	NS	NS	NS	NS
SW8260B	1,1-Dichloroethene	7.0	7.0	NS	< 1.0	< 1.0	NS	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	NS	NS
SW8260B	cis-1,2-Dichloroethene	70	70	NS	< 1.0	< 1.0	NS	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	NS	NS
SW8260B	Tetrachloroethene	5.0	5.0	NS	< 1.0	< 1.0	NS	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	NS	NS
SW8260B	trans-1,2-Dichloroethene	100	100	NS	< 1.0	< 1.0	NS	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	NS	NS
SW8260B	Trichloroethene	1.0**	5.0	NS	< 1.0	< 1.0	NS	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	NS	NS
SW8260B	Vinyl chloride	1.0**	2.0	NS	< 1.0	< 1.0	NS	NS	NS	< 1.0	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
All units are measured in micrograms per liter (µg/l).
All results are compared to the EGLE Part 201 Generic Cleanup Criteria, June 2018.
* Residential Drinking Water Criteria for 1,4-dioxane is derived from EGLE Proposed Rule Changes (September 2016) and Emergency Rules (October 27, 2016).
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Appendix B
Summary of Off-Site Groundwater Sampling Results -2Q 2020
Ford Livonia Transmission Plant

Location: Date: Screen Interval (ft. bgs):				MW-191S NS 2.5-7.5	MW-192S 5/19/2020 2.5-7.5	MW-193S 5/19/2020 3-8	MW-207S 5/21/2020 4.5-9.5
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria				
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	NS	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	NS	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	NS	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	NS	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	NS	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	NS	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	NS	< 1.0	< 1.0	< 1.0

Location: Date: Screen Interval (ft. bgs):				MW-214S 5/20/2020 5.5-10.5	MW-215S 5/20/2020 3-8	MW-216S 5/20/2020 6-11
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria			
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	1.1 J	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	< 1.0

Location: Date: Screen Interval (ft. bgs):				MW-217S 5/21/2020 6-11	MW-223S NS 8.5-13.5	MW-225S NS 5.5-10.5
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria			
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	NS	NS
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	NS	NS
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	NS	NS
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	NS	NS
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	NS	NS
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	NS	NS
SW8260B	Vinyl chloride	1.0**	2.0	< 1.0	NS	NS

Notes:
All units are measured in micrograms per liter (µg/l).
All results are compared to the EGLE Part 201 Generic Cleanup Criteria, June 2018.
* Residential Drinking Water Criteria for 1,4-dioxane is derived from EGLE Proposed Rule Changes (September 2016) and Emergency Rules (October 27, 2016).
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Abbreviations:
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APPENDIX C

Off-Site Groundwater Field Sampling Logs



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01	Well ID	MW-72			Date	5-26-20
Project Name/Location	Ford LTP		Weather		71 degrees F. Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.70	Total Depth (ft-bmp)	19.65	Water Column (ft.)	12.95	Gallons in Well	2.10
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.37				
Sample Time:	Label	9:31	Volume Purged	0.78 gallons	Replicate/Code No.	Dup-07	Sampled by
	Purge Start	9:00					Gary Schafer
	Purge End	9:39					

Gang
Schief

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	ROW - Belden	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01	Well ID	MW-72S			Date	5-20-20
Project Name/Location	Ford LTP		Weather		62 degrees F. Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.10	Total Depth (ft-bmp)	13.02	Water Column (ft.)	5.92	Gallons in Well	0.96
		Pump Intake (ft-bmp)	8.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.46				
Sample Time:	Label	13:15	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	12:38					Julia
	Purge End	13:18					5/20/20

Julian
M. Caffery

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	Well vault full of water. J-plug was tightly secured. Bailed out water before sampling

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	ROW - Across from mobility works sign	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01		Well ID	MW-73D		Date	5-22-20	
Project Name/Location	Ford LTP		Weather	62 degrees F, Light Rain and Fog/Mist				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.5-18.5	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	14.76	Total Depth (ft-bmp)	17.40	Water Column (ft.)	2.64	Gallons in Well	0.43	
		Pump Intake (ft-bmp)	16.00	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	3.63					
Sample Time:	Label	10:21	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start	9:20						
	Purge End	10:26						

Gary Schafer

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mv) [± 10mV]	Appearance	
											Color	Odor
9:20	0	100	4.90	0.00	7.42	3.91	9.84	3.53	12.5	-71.6	Clear, Small White Particulates	Faint Odor
9:25	5	100	4.91	0.13	7.43	3.90	11.90	3.22	12.5	-78.1	Clear, Small White Particulates	Faint Odor
9:30	5	100	4.91	0.26	7.45	3.91	13.70	1.92	12.5	-83.1	Clear, Small White Particulates	Faint Odor
9:35	5	100	4.91	0.39	7.45	4.11	9.28	2.28	12.5	-76.2	Clear, Small White Particulates	Faint Odor
9:40	5	100	4.91	0.52	7.44	4.30	10.30	1.94	12.5	-74.2	Clear, Small White Particulates	Faint Odor
9:45	5	100	4.91	0.65	7.44	4.62	11.50	2.35	12.4	-73.1	Clear, Small White Particulates	Faint Odor
9:50	5	100	4.91	0.78	7.44	4.92	8.00	1.44	12.4	-71.6	Clear, Small White Particulates	Faint Odor
9:55	5	100	4.91	0.91	7.44	5.17	7.84	2.04	12.5	-70.5	Clear, Small White Particulates	No Odor
10:00	5	100	4.92	1.04	7.44	5.35	6.27	1.50	12.4	-69.1	Clear	No Odor
10:05	5	100	4.92	1.17	7.44	5.35	5.81	1.35	12.4	-69.0	Clear	No Odor
10:10	5	100	4.92	1.30	7.43	5.54	4.94	1.50	12.4	-66.9	Clear	No Odor
10:15	5	100	4.92	1.43	7.44	5.73	4.71	1.04	12.4	-66.1	Clear	No Odor
10:20	5	100	4.92	1.56	7.44	5.89	4.07	1.23	12.4	-65.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes				
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
6" = 1.47				

Well Information			
Well Location:	ROW - Belden Ct.	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-73SR	Date	5-22-20			
Project Name/Location	Ford LTP			Weather	60 degrees F, Light Rain and Fog/Mist			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	4.81	Total Depth (ft-bmp)	12.38	Water Column (ft.)	7.57			
		Pump Intake (ft-bmp)	6.31	Gallons in Well	1.23			
		Well Volumes Purged	1.06	Purge Method	Low-Flow			
Sample Time:	Label	11:31	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start	10:40						
	Purge End	11:37						

Gary Schafer

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	100	4.82	0.00	6.77	3.53	14.80	0.37	13.2	11.0	Clear, Turbid	Faint Odor
10:45	5	100	4.82	0.13	6.75	3.64	6.87	0.28	12.9	-50.7	Clear	No Odor
10:50	5	100	4.82	0.26	6.75	3.71	3.65	0.21	12.8	-61.0	Clear	No Odor
10:55	5	100	4.82	0.39	6.78	4.41	4.22	0.17	12.7	-59.2	Clear	No Odor
11:00	5	100	4.83	0.52	6.82	5.69	2.84	0.15	12.8	-48.2	Clear	No Odor
11:05	5	100	4.83	0.65	6.86	6.08	2.97	0.20	12.8	-48.3	Clear	No Odor
11:10	5	100	4.83	0.78	6.87	6.47	2.56	0.25	12.8	-49.7	Clear	No Odor
11:15	5	100	4.83	0.91	6.91	6.77	2.33	0.21	12.8	-53.7	Clear	No Odor
11:20	5	100	4.83	1.04	6.94	7.00	2.91	0.26	12.8	-57.8	Clear	No Odor
11:25	5	100	4.83	1.17	6.95	7.04	2.58	0.18	12.7	-58.8	Clear	No Odor
11:30	5	100	4.83	1.30	6.96	7.07	2.92	0.19	12.7	-59.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	ROW - Belden Ct.	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01		Well ID	MW-74		Date	5-21-20	
Project Name/Location	Ford LTP		Weather	65 degrees F, Cloudy				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	5.90	Total Depth (ft-bmp)	18.72	Water Column (ft.)	12.82	Gallons in Well	2.08	
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	1.01					
Sample Time:	Label	15:00	Volume Purged	2.1 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
	Purge Start	14:00						
	Purge End	15:07						

Rachel Bielak

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:00	0	150	5.90	0.00	7.21	11.64	4.37	5.01	13.9	-47.7	Clear	Faint Odor
14:05	5	125	5.92	0.20	7.21	11.65	13.10	2.01	13.9	-78.3	Clear, Small Orange Particulates	Faint Odor, No Odor
14:10	5	150	5.92	0.37	7.21	11.67	4.41	1.91	13.7	-87.9	Clear, Small Orange Particulates	Faint Odor
14:15	5	125	5.92	0.57	7.21	11.70	18.10	2.27	13.6	-91.7	Clear, Small Orange Particulates	Faint Odor
14:20	5	125	5.91	0.74	7.21	11.66	12.10	2.13	14.0	-94.2	Clear, Small Orange Particulates	Faint Odor
14:25	5	125	5.91	0.91	7.20	11.71	16.30	1.80	13.8	-95.9	Clear, Small Orange Particulates	No Odor
14:30	5	125	5.91	1.08	7.20	11.68	9.53	1.62	13.8	-97.3	Clear, Small Orange Particulates	Faint Odor
14:35	5	125	5.91	1.25	7.20	11.69	11.60	0.75	13.9	-99.2	Clear, Small Orange Particulates	Faint Odor
14:40	5	125	5.91	1.42	7.20	11.73	9.03	1.62	13.6	-98.6	Clear, Small Orange Particulates	Faint Odor
14:45	5	125	5.91	1.59	7.20	11.72	7.45	1.01	13.7	-100.5	Clear, Small Orange Particulates	Faint Odor
14:50	5	125	5.91	1.76	7.20	11.65	6.74	0.85	13.8	-101.5	Clear, Small Orange Particulates	Faint Odor
14:55	5	125	5.91	1.93	7.20	11.71	7.10	0.57	13.6	-102.1	Clear, Small Orange Particulates	Faint Odor
15:00	5	125	5.91	2.10	7.20	11.73	6.52	0.70	13.5	-102.4	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments: Missing both bolts, one broken thread tab

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	2.25" = 0.06	3" = 0.37	4" = 0.65

Well Information		
Well Location:	ROW - North of MW-74S across the street from weld raft, in road	Well Locked at Arrival: yes
Condition of Well:	Broken thread tabs, Missing bolts, Poor	Well Locked at Departure: yes
Well Completion:	Flush mount	Lock Functioning: yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-74S			Date	5-21-20
Project Name/Location	Ford LTP		Weather		65 degrees F. Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.89	Total Depth (ft-bmp)	12.78	Water Column (ft.)	6.89	Gallons in Well	1.12
		Pump Intake (ft-bmp)	7.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.29				
Sample Time:	Label	13:25	Volume Purged	1.45 gallons	Replicate/Code No.	MW-74S-MS_052120, MW-74S-MSD_052120	Sampled by
	Purge Start	12:45					Rachel Bielak
	Purge End	13:45					

Rachel Bulak

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL

Comments	All bolts broken off in vault

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	ROW - South of MW-74 in road across from weld craft front doors	Well Locked at Arrival:	yes
Condition of Well:	Missing bolts,Poor	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01		Well ID	MW-75D		Date	5-20-20	
Project Name/Location	Ford LTP		Weather	59 degrees F, Mostly Cloudy				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	4.90	Total Depth (ft-bmp)	16.66	Water Column (ft.)	11.76	Gallons in Well	1.91	
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	0.82					
Sample Time:	Label	12:01	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start	11:00						
	Purge End	12:06						

Gary Schafer

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mv) [± 10mv]	Appearance	
											Color	Odor
11:00	0	100	4.95	0.00	7.89	7.17	16.30	0.35	12.5	-197.3	Clear, Cloudy	Faint Odor
11:05	5	100	4.96	0.13	7.92	7.16	15.80	0.27	12.5	-199.8	Clear, Small White Particulates	Faint Odor
11:10	5	100	4.96	0.26	7.93	7.17	16.50	0.19	12.4	-200.9	Clear, Small White Particulates	Faint Odor
11:15	5	100	4.96	0.39	7.91	7.09	28.10	0.18	12.3	-194.9	Clear, Small White Particulates	Faint Odor
11:20	5	100	4.97	0.52	7.89	7.01	20.70	0.16	12.3	-192.7	Clear, Small White Particulates	Faint Odor
11:25	5	100	4.97	0.65	7.87	6.91	22.40	0.19	13.0	-184.9	Clear, Small White Particulates	Faint Odor
11:30	5	100	4.97	0.78	7.88	6.83	22.50	0.21	12.6	-186.7	Clear, Small White Particulates	Faint Odor
11:35	5	100	4.97	0.91	7.86	6.75	17.90	0.19	12.8	-184.8	Clear, Small White Particulates	Faint Odor
11:40	5	100	4.97	1.04	7.85	6.64	16.50	0.18	12.7	-184.2	Clear, Small White Particulates	Faint Odor
11:45	5	100	4.97	1.17	7.85	6.54	16.00	0.16	12.8	-182.9	Clear, Small White Particulates	Faint Odor
11:50	5	100	4.97	1.30	7.85	6.40	15.20	0.15	12.3	-181.4	Clear, Small White Particulates	Faint Odor
11:55	5	100	4.97	1.43	7.84	6.26	14.20	0.25	12.3	-179.5	Clear, Small White Particulates	Faint Odor
12:00	5	100	4.97	1.56	7.83	6.10	14.10	0.12	12.3	-177.1	Clear, Small White Particulates	Faint Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	ROW - Belden Ct.	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-75SR	Date	5-20-20			
Project Name/Location	Ford LTP			Weather	59 degrees F, Mostly Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	5.00	Total Depth (ft-bmp)	12.40	Water Column (ft.)	7.40			
		Pump Intake (ft-bmp)	6.50	Purge Method	Low-Flow			
		Well Volumes Purged	1.30					
Sample Time:	Label	13:21	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start	12:20						
	Purge End	13:27						

Gary Schafer

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	100	5.00	0.00	7.66	0.96	6.27	0.97	13.1	-48.1	Clear	Faint Odor
12:25	5	100	5.00	0.13	7.51	1.12	5.14	0.42	12.8	-63.6	Clear	Faint Odor
12:30	5	100	5.00	0.26	7.51	1.29	4.06	0.29	12.6	-82.8	Clear	Faint Odor
12:35	5	100	5.00	0.39	7.53	1.34	3.48	0.27	12.6	-91.5	Clear	Faint Odor
12:40	5	100	5.00	0.52	7.54	1.40	3.64	0.28	12.6	-96.1	Clear	No Odor
12:45	5	100	5.00	0.65	7.55	1.50	3.36	0.26	12.6	-100.9	Clear	No Odor
12:50	5	100	5.00	0.78	7.56	1.57	3.11	0.27	12.5	-96.4	Clear	No Odor
12:55	5	100	5.00	0.91	7.50	1.63	3.15	0.70	12.6	-88.4	Clear	No Odor
13:00	5	100	5.00	1.04	7.56	1.67	3.26	0.35	12.6	-91.3	Clear	No Odor
13:05	5	100	5.00	1.17	7.55	1.73	3.27	0.31	12.6	-92.6	Clear	No Odor
13:10	5	100	5.00	1.30	7.55	1.76	3.25	0.37	12.6	-93.1	Clear	No Odor
13:15	5	100	5.00	1.43	7.54	1.79	3.10	0.39	12.6	-92.3	Clear	No Odor
13:20	5	100	5.00	1.56	7.54	1.82	3.07	0.39	12.5	-91.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	ROW - Belden	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-76	Date	5-19-20			
Project Name/Location	Ford LTP			Weather	57 degrees F, Light Rain and Fog/Mist			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	9.35	Total Depth (ft-bmp)	19.64	Water Column (ft.)	10.29			
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow			
		Well Volumes Purged	0.93					
Sample Time:	Label	11:06	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start	10:00						
	Purge End	11:10						

Gary Schafer

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	100	9.35	0.00	7.74	6.54	2.41	0.61	11.9	146.6	Clear	No Odor
10:10	5	100	9.36	0.13	7.74	6.99	2.48	0.33	11.9	131.7	Clear	No Odor
10:15	5	100	9.36	0.26	7.70	7.33	2.69	0.34	11.9	123.7	Clear	No Odor
10:20	5	100	9.37	0.39	7.64	7.60	2.50	0.29	11.9	111.8	Clear	No Odor
10:25	5	100	9.37	0.52	7.62	7.65	2.26	0.27	11.8	97.8	Clear	No Odor
10:30	5	100	9.37	0.65	7.61	7.75	2.20	0.29	11.8	84.9	Clear	No Odor
10:35	5	100	9.37	0.78	7.60	7.87	2.11	0.36	11.8	72.8	Clear	No Odor
10:40	5	100	9.38	0.91	7.59	7.93	1.90	0.36	11.8	54.7	Clear	No Odor
10:45	5	100	9.38	1.04	7.60	7.81	1.76	0.35	11.8	38.3	Clear	No Odor
10:50	5	100	9.38	1.17	7.60	7.80	1.85	0.36	11.8	28.8	Clear	No Odor
10:55	5	100	9.38	1.30	7.60	7.86	1.91	0.39	11.8	16.6	Clear	No Odor
11:00	5	100	9.38	1.43	7.61	7.81	1.22	0.41	11.9	9.4	Clear	No Odor
11:05	5	100	9.38	1.56	7.60	7.88	1.03	0.43	11.8	1.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	2.25" = 0.06	3" = 0.37	4" = 0.65

Well Information			
Well Location:	ROW - Plymouth Road	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-76S		Date	5-19-20		
Project Name/Location	Ford LTP		Weather	57 degrees F, Light Rain and Fog/Mist				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	PVC		
Static Water Level (ft-bmp)	9.28	Total Depth (ft-bmp)	14.19	Water Column (ft.)	4.91	Gallons in Well	0.80	
		Pump Intake (ft-bmp)	10.78	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	1.79					
Sample Time:	Label	12:28	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start	11:28						
	Purge End	12:32						

Gang
Schief

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information	
Well Location:	
Condition of Well:	
Well Completion:	

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-78			Date	5-19-20
Project Name/Location	Ford LTP		Weather		61 degrees F. Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.70	Total Depth (ft-bmp)	11.76	Water Column (ft.)	11.06	Gallons in Well	1.80
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.51				
Sample Time:	Label	14:42	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	14:05					Heather Woodrum
	Purge End	14:45					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	ROW - 34591 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01		Well ID	MW-78S		Date	5-19-20	
Project Name/Location	Ford LTP		Weather	63 degrees F, Cloudy		Well Material	PVC	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Gallons in Well	1.85	
Static Water Level (ft-bmp)	1.01	Total Depth (ft-bmp)	12.40	Water Column (ft.)	11.39	Sample Method	Grab	
		Pump Intake (ft-bmp)	2.50	Purge Method	Low-Flow			
		Well Volumes Purged	0.83					
Sample Time:	Label	15:42	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
	Purge Start	14:55						
	Purge End	15:46						

Heather Woodrum

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:55	0	125	1.03	0.00	7.53	0.81	0.02	2.97	13.3	-26.8	Clear	No Odor
15:00	5	125	1.03	0.17	7.31	0.72	0.02	1.90	12.4	-11.6	Clear	No Odor
15:05	5	125	1.03	0.34	7.23	0.69	1.07	1.96	12.2	-2.9	Clear	No Odor
15:10	5	125	1.03	0.51	7.24	0.69	0.02	2.27	12.2	1.6	Clear	No Odor
15:15	5	125	1.03	0.68	7.22	0.72	0.02	2.28	12.0	6.6	Clear	No Odor
15:20	5	125	1.03	0.85	7.23	0.70	0.02	2.21	11.9	9.2	Clear	No Odor
15:25	5	125	1.03	1.02	7.25	0.81	1.47	2.18	11.9	6.0	Clear	No Odor
15:30	5	125	1.03	1.19	7.24	0.86	0.02	2.16	11.8	1.5	Clear	No Odor
15:35	5	125	1.03	1.36	7.23	0.85	0.02	2.19	11.8	-3.8	Clear	No Odor
15:40	5	125	1.03	1.53	7.25	0.85	0.09	2.18	11.7	-4.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	ROW - 34591 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01		Well ID	MW-79D		Date	5-20-20	
Project Name/Location	Ford LTP		Weather	59 degrees F, Mostly Cloudy		Well Material	PVC	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Gallons in Well	1.97	
Static Water Level (ft-bmp)	2.55	Total Depth (ft-bmp)	14.65	Water Column (ft.)	12.10	Sample Method	Grab	
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow			
		Well Volumes Purged	1.24					
Sample Time:	Label	11:48	Volume Purged	2.44 gallons	Replicate/Code No.	DUP-06	Sampled by	Julia McClafferty
	Purge Start	10:48						
	Purge End	23:53						

Julia McClafferty

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:48	0	180	2.59	0.00	7.18	3.10	395.00	0.69	11.2	9.0	Brown, Cloudy	No Odor
10:53	5	150	2.58	0.24	7.10	3.14	378.00	0.18	10.8	7.7	Brown, Cloudy, Small Orange Particulates	No Odor
10:58	5	150	2.59	0.44	7.12	3.06	179.00	0.16	10.9	2.1	Brown, Cloudy, Small Orange Particulates	No Odor
11:03	5	150	2.59	0.64	7.12	3.06	140.00	0.12	10.8	0.6	Brown, Cloudy, Small Orange Particulates	No Odor
11:08	5	150	2.59	0.84	7.13	3.03	96.00	0.12	10.8	-1.0	Cloudy, Small Orange Particulates	No Odor
11:13	5	150	2.59	1.04	7.13	3.00	72.20	0.10	10.8	-2.4	Cloudy, Small Orange Particulates	No Odor
11:18	5	150	2.59	1.24	7.14	2.97	46.40	0.11	10.9	-3.9	Cloudy, Small Orange Particulates	No Odor
11:23	5	150	2.59	1.44	7.11	2.94	34.80	0.35	10.8	-4.1	Clear, Small Orange Particulates	No Odor
11:28	5	150	2.59	1.64	7.13	2.92	32.10	0.17	10.9	-6.1	Clear, Small Orange Particulates	No Odor
11:33	5	150	2.59	1.84	7.13	2.91	30.40	0.14	10.9	-7.3	Clear, Small Orange Particulates	No Odor
11:38	5	150	2.59	2.04	7.14	2.90	24.40	0.11	10.9	-8.6	Clear, Small Orange Particulates	No Odor
11:43	5	150	2.59	2.24	7.14	2.90	24.10	0.08	10.8	-9.4	Clear	No Odor
11:48	5	150	2.59	2.44	7.14	2.90	22.80	0.10	10.8	-10.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	ROW - 12100 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-79SR		Date	5-20-20
Project Name/Location	Ford LTP		Weather		57 degrees F. Cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	PVC
Static Water Level (ft-bmp)	2.42	Total Depth (ft-bmp)	12.26	Water Column (ft.)	9.84	Gallons in Well
		Pump Intake (ft-bmp)	3.92	Purge Method	Low-Flow	Sample Method
		Well Volumes Purged	1.50			Grab
Sample Time:	Label	10:24	Volume Purged	2.4 gallons	Replicate/Code No.	--
	Purge Start	9:22				
	Purge End	10:26				
						Julia

Julian
M. Haffner

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Location:	ROW - 12100 Boston	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-80SR		Date	5-19-20		
Project Name/Location	Ford LTP		Weather	57 degrees F, Light Rain and Fog/Mist				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	PVC		
Static Water Level (ft-bmp)	0.78	Total Depth (ft-bmp)	12.24	Water Column (ft.)	11.46	Gallons in Well	1.86	
		Pump Intake (ft-bmp)	2.50	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	0.65					
Sample Time:	Label	9:17	Volume Purged	1.2 gallons	Replicate/Code No.	DUP-05	Sampled by	Heather Woodrum
	Purge Start	8:45						
	Purge End	9:24						

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	ROW - S of 12088 driveway	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-84			Date	5-19-20
Project Name/Location	Ford LTP		Weather		61 degrees F. Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.12	Total Depth (ft-bmp)	12.59	Water Column (ft.)	10.47	Gallons in Well	1.70
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.54		MW-84-		
Sample Time:	Label	14:07	Volume Purged	0.91 gallons	Replicate/Code No.	MS_051920, MW-84-MSD_051920	Sampled by
	Purge Start	13:24					Xenia Chan
	Purge End	14:15					

Aub

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Location:	ROW - Beacon and Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-84S	Date	5-19-20			
Project Name/Location	Ford LTP			Weather	61 degrees F, Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	2.26	Total Depth (ft-bmp)	12.72	Water Column (ft.)	10.46			
		Pump Intake (ft-bmp)	3.76	Gallons in Well	1.70			
		Well Volumes Purged	0.92	Purge Method	Low-Flow			
Sample Time:	Label	15:27	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Xenia Chan
	Purge Start	14:23						
	Purge End	15:30						

Xenia

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:25	0	100	2.25	0.00	8.66	0.45	3.88	7.57	13.5	34.8	Clear	No Odor
14:30	5	100	2.26	0.13	8.18	0.39	3.22	7.12	13.0	59.9	Clear	No Odor
14:35	5	100	2.27	0.26	8.15	0.42	4.37	7.50	12.6	74.7	Clear	No Odor
14:40	5	100	2.27	0.39	8.12	0.44	4.07	7.11	12.6	85.6	Clear	No Odor
14:45	5	100	2.25	0.52	8.12	0.46	2.96	7.28	12.4	93.9	Clear	No Odor
14:50	5	100	2.25	0.65	8.03	0.56	3.11	7.00	12.3	103.7	Clear	No Odor
14:55	5	100	2.25	0.78	7.69	1.06	1.28	5.20	12.4	82.3	Clear	No Odor
15:00	5	100	2.25	0.91	7.57	1.36	0.78	4.58	12.4	27.2	Clear	No Odor
15:05	5	100	2.25	1.04	7.54	1.48	0.60	4.49	12.5	-6.0	Clear	No Odor
15:10	5	100	2.25	1.17	7.53	1.53	2.45	4.50	12.4	-27.2	Clear	No Odor
15:15	5	100	2.25	1.30	7.51	1.50	3.09	4.51	12.4	-48.2	Clear	No Odor
15:20	5	100	2.25	1.43	7.50	1.61	2.30	4.45	12.4	-53.8	Clear	No Odor
15:25	5	100	2.25	1.56	7.48	1.64	2.60	4.49	12.4	-64.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	ROW - Boston Post and Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01	Well ID	MW-85	Date	5-19-20
Project Name/Location	Ford LTP		Weather	57 degrees F, Light Rain and Fog/Mist	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2
Static Water Level (ft-bmp)	3.57	Total Depth (ft-bmp)	12.71	Water Column (ft.)	9.14
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow
		Well Volumes Purged	1.40		
Sample Time:	Label	12:20	Volume Purged	2.08 gallons	Replicate/Code No.
	Purge Start	11:20			DUP-04
	Purge End	12:26			
				Sampled by	Julia McClafferty

Julia McClafferty

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	130	3.58	0.00	7.24	3.06	5.94	0.35	10.7	2.6	Clear, Small Orange Particulates	No Odor
11:25	5	130	3.59	0.17	7.22	3.06	13.10	0.29	10.7	0.4	Clear, Small Orange Particulates	No Odor
11:30	5	130	3.59	0.34	7.23	3.04	19.60	0.16	10.7	-14.3	Clear, Small Orange Particulates	No Odor
11:35	5	130	3.59	0.51	7.25	3.02	19.60	0.15	10.7	-19.5	Clear, Small Orange Particulates	No Odor
11:40	5	130	3.59	0.68	7.26	2.96	16.60	0.12	10.7	-24.3	Clear, Small Orange Particulates	No Odor
11:45	5	130	3.59	0.85	7.27	2.85	14.40	0.11	10.7	-27.9	Clear, Small Orange Particulates	No Odor
11:50	5	130	3.59	1.02	7.27	2.74	13.50	0.13	10.6	-29.5	Clear, Small Orange Particulates	No Odor
11:55	5	130	3.59	1.19	7.27	2.60	10.30	0.11	10.6	-30.3	Clear, Small Orange Particulates	No Odor
12:00	5	130	3.59	1.36	7.27	2.51	8.04	0.11	10.7	-30.5	Clear, Small Orange Particulates	No Odor
12:05	5	130	3.59	1.53	7.27	2.45	4.83	0.09	10.6	-30.5	Clear	No Odor
12:10	5	130	3.59	1.70	7.27	2.42	5.40	0.11	10.6	-30.8	Clear	No Odor
12:15	5	130	3.59	1.87	7.27	2.39	4.07	0.10	10.5	-31.6	Clear	No Odor
12:20	5	130	3.59	2.08	7.28	2.38	5.69	0.09	10.5	-32.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	ROW - Rosati	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-85SR	Date	5-19-20			
Project Name/Location	Ford LTP			Weather	57 degrees F, Light Rain and Fog/Mist			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	3.80	Total Depth (ft-bmp)	8.48	Water Column (ft.)	4.68			
		Pump Intake (ft-bmp)	5.30	Purge Method	Low-Flow			
		Well Volumes Purged	3.16					
Sample Time:	Label	10:40	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
	Purge Start	9:36						
	Purge End	10:42						

Julia McClafferty

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mv) [± 10mV]	Appearance	
											Color	Odor
9:36	0	150	3.81	0.00	7.56	0.62	88.60	7.48	11.9	149.5	Cloudy	No Odor
9:41	5	150	3.81	0.20	7.62	0.60	94.80	7.32	11.9	146.4	Cloudy	No Odor
9:46	5	150	3.81	0.40	7.66	0.61	90.20	6.60	11.9	134.0	Cloudy	No Odor
9:51	5	150	3.81	0.60	7.62	0.63	83.80	5.80	11.8	121.6	Cloudy	No Odor
9:56	5	150	3.81	0.80	7.56	0.67	81.90	5.29	11.8	110.5	Cloudy	No Odor
10:01	5	150	3.81	1.00	7.35	0.70	74.80	5.09	11.7	102.5	Cloudy	No Odor
10:06	5	150	3.81	1.20	7.52	0.72	66.20	4.84	11.7	98.0	Cloudy	No Odor
10:11	5	150	3.81	1.40	7.47	0.74	62.40	4.70	11.6	91.2	Cloudy	No Odor
10:16	5	150	3.81	1.60	7.47	0.76	63.60	4.43	11.6	83.6	Cloudy	No Odor
10:21	5	150	3.81	1.80	7.45	0.78	59.70	4.26	11.6	75.4	Cloudy	No Odor
10:26	5	150	3.81	2.00	7.45	0.79	59.40	4.14	11.6	71.1	Cloudy	No Odor
10:31	5	150	3.81	2.20	7.44	0.81	55.20	4.15	11.6	64.9	Cloudy	No Odor
10:36	5	150	3.81	2.40	7.44	0.82	53.80	4.06	11.6	61.3	Cloudy	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments: Excess swollen bentonite removed Turbidity over 50

Well Casing Volumes				
Gallons/Foot	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65

Well Information			
Well Location:	ROW - Rosati	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-88S	Date	5-21-20			
Project Name/Location	Ford LTP		Weather	65 degrees F, Mostly Cloudy				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	5.08	Total Depth (ft-bmp)	12.88	Water Column (ft.)	7.80			
		Pump Intake (ft-bmp)	6.58	Gallons in Well	1.27			
		Well Volumes Purged	1.64	Purge Method	Low-Flow			
				Sample Method	Grab			
Sample Time:	Label	13:58	Volume Purged	2.08 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
	Purge Start	13:10						
	Purge End	14:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:12	0	200	5.16	0.00	6.67	0.15	17.90	9.46	12.3	355.3	Clear	No Odor
13:17	5	200	5.16	0.26	6.14	0.16	15.50	8.91	12.0	378.4	Clear	No Odor
13:22	5	200	5.16	0.52	6.20	0.16	15.60	8.87	11.9	374.1	Clear	No Odor
13:27	5	200	5.16	0.78	6.30	0.17	16.90	8.87	11.8	368.7	Clear	No Odor
13:32	5	200	5.16	1.04	6.36	0.16	18.20	8.87	11.7	365.2	Clear	No Odor
13:37	5	200	5.17	1.30	6.40	0.17	16.00	8.92	11.5	363.2	Clear	No Odor
13:42	5	200	5.16	1.56	6.45	0.17	15.50	8.89	11.6	361.3	Clear	No Odor
13:47	5	200	5.16	1.82	6.54	0.17	15.40	8.87	11.6	357.6	Clear	No Odor
13:52	5	200	5.16	2.08	6.53	0.17	16.00	8.85	11.7	357.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information		
Well Location:	34965 Wadsworth	Well Locked at Arrival: yes
Condition of Well:	Good	Well Locked at Departure: yes
Well Completion:	Flush mount	Lock Functioning: yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-91S			Date	5-20-20
Project Name/Location	Ford LTP		Weather		53 degrees F. Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.12	Total Depth (ft-bmp)	11.69	Water Column (ft.)	7.57	Gallons in Well	1.23
		Pump Intake (ft-bmp)	5.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.17				
Sample Time:	Label	9:05	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	8:31					Christina Weaver
	Purge End	9:08					

Chris

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information	
Well Location:	12034 Brewster
Condition of Well:	Good
Well Completion:	Flush mount



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01		Well ID	MW-98S		Date	5-19-20	
Project Name/Location	Ford LTP		Weather	64 degrees F, Cloudy		Well Material	PVC	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Gallons in Well	1.95	
Static Water Level (ft-bmp)	0.10	Total Depth (ft-bmp)	12.09	Water Column (ft.)	11.99	Sample Method	Grab	
		Pump Intake (ft-bmp)	2.00	Purge Method	Low-Flow			
		Well Volumes Purged	0.53					
Sample Time:	Label	16:47	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
	Purge Start	16:05						
	Purge End	16:50						

Heather Woodrum

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:05	0	100	0.20	0.00	7.09	0.65	5.70	0.70	14.4	44.5	Clear	No Odor
16:10	5	100	0.20	0.13	7.03	0.65	4.53	0.46	14.6	45.4	Clear	No Odor
16:15	5	100	0.20	0.26	7.01	0.64	3.26	0.31	14.5	43.5	Clear	No Odor
16:20	5	100	0.20	0.39	7.02	0.66	2.39	0.21	14.4	34.2	Clear	No Odor
16:25	5	100	0.20	0.52	7.03	0.66	0.02	0.28	14.3	28.1	Clear	No Odor
16:30	5	100	0.20	0.65	7.04	0.67	0.75	0.19	14.4	18.1	Clear	No Odor
16:35	5	100	0.20	0.78	7.05	0.68	0.02	0.30	14.3	6.8	Clear	No Odor
16:40	5	100	0.20	0.91	7.03	0.69	0.02	0.19	14.3	-0.9	Clear	No Odor
16:45	5	100	0.20	1.04	7.06	0.70	0.02	0.22	14.3	-1.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	ROW - By hedge fence	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01		Well ID	MW-99S		Date	5-21-20	
Project Name/Location	Ford LTP		Weather	60 degrees F, Partly Cloudy		Well Material	PVC	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Gallons in Well	1.21	
Static Water Level (ft-bmp)	5.44	Total Depth (ft-bmp)	12.88	Water Column (ft.)	7.44	Sample Method	Grab	
		Pump Intake (ft-bmp)	6.94	Purge Method	Low-Flow			
		Well Volumes Purged	1.69					
Sample Time:	Label	11:45	Volume Purged	2.05 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
	Purge Start	10:50						
	Purge End	11:55						

Rachel Bielak

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	150	5.44	0.00	8.66	2.03	0.64	1.69	13.3	-41.2	Clear	No Odor
10:55	5	125	5.47	0.20	7.71	2.42	0.94	0.30	12.9	-22.4	Clear	No Odor
11:00	5	125	5.46	0.37	7.67	2.81	0.51	0.17	12.8	-19.0	Clear	No Odor
11:05	5	125	5.46	0.54	7.62	2.87	0.49	0.11	13.0	-17.8	Clear	No Odor
11:10	5	150	5.46	0.71	7.63	3.10	0.20	0.07	12.9	-14.9	Clear	No Odor
11:15	5	125	5.46	0.91	7.54	3.17	0.02	0.10	12.8	-14.1	Clear	No Odor
11:20	5	125	5.46	1.08	7.51	3.39	0.02	0.09	12.8	-11.4	Clear	No Odor
11:25	5	150	5.46	1.25	7.48	3.47	0.07	0.03	12.6	-9.7	Clear	No Odor
11:30	5	150	5.46	1.45	7.47	3.52	0.94	0.10	12.9	-8.7	Clear	No Odor
11:35	5	150	5.46	1.65	7.45	3.62	0.61	0.08	12.8	-7.1	Clear	No Odor
11:40	5	150	5.46	1.85	7.44	3.67	0.21	0.07	12.7	-5.7	Clear	No Odor
11:45	5	150	5.46	2.05	7.44	3.67	0.02	0.08	12.8	-4.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	Missing all bolts

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	2.25" = 0.06	3" = 0.37	4" = 0.65

Well Information				
Well Location:	ROW - In road in front of KONE, in front of tree next to garage door	Well Locked at Arrival:	yes	
Condition of Well:	Missing bolts, Poor	Well Locked at Departure:	yes	
Well Completion:	Flush mount	Lock Functioning:	yes	



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01	Well ID	MW-100S	Date	5-21-20			
Project Name/Location	Ford LTP			Weather	57 degrees F, Partly Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	6.06	Total Depth (ft-bmp)	12.90	Well Material	PVC			
		Pump Intake (ft-bmp)	7.56	Water Column (ft.)	6.84			
		Well Volumes Purged	1.84	Gallons in Well	1.11			
				Purge Method	Grab			
Sample Time:	Label	10:13	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
	Purge Start	9:13						
	Purge End	10:23						

Rachel Bielak

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:13	0	125	6.06	0.00	7.56	4.50	1.67	10.30	13.5	95.5	Clear	No Odor
9:18	5	125	6.06	0.17	7.35	5.72	1.44	8.72	13.2	79.8	Clear	No Odor
9:23	5	125	6.06	0.34	7.32	5.96	2.14	0.97	13.1	72.7	Clear	No Odor
9:28	5	125	6.06	0.51	7.24	6.77	2.17	1.42	13.2	67.7	Clear	No Odor
9:33	5	125	6.07	0.68	7.28	6.42	1.98	0.75	13.1	61.8	Clear	No Odor
9:38	5	125	6.07	0.85	7.27	6.40	0.67	0.49	13.2	58.6	Clear	No Odor
9:43	5	125	6.07	1.02	7.26	6.61	1.65	0.37	13.1	50.7	Clear	No Odor
9:48	5	125	6.08	1.19	7.25	6.91	1.88	1.45	13.2	32.9	Clear	No Odor
9:53	5	125	6.07	1.36	7.25	7.04	0.02	1.41	13.2	19.8	Clear	No Odor
9:58	5	125	6.07	1.53	7.25	7.07	0.02	0.89	13.2	8.3	Clear	No Odor
10:03	5	125	6.07	1.70	7.25	7.18	3.36	0.68	13.2	1.2	Clear	No Odor
10:08	5	125	6.07	1.87	7.25	7.24	1.38	0.53	13.0	-6.2	Clear	No Odor
10:13	5	125	6.07	2.04	7.24	7.17	3.27	0.50	13.6	-10.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments Bolt broken off in tab, lock not able to close

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information	
Well Location:	ROW - In road in front of Instrumental Distribution front door
Condition of Well:	Poor
Well Completion:	Flush mount
Well Locked at Arrival:	no
Well Locked at Departure:	no
Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-101S	Date	5-20-20			
Project Name/Location	Ford LTP			Weather	53 degrees F, Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	7.73	Total Depth (ft-bmp)	14.07	Water Column (ft.)	6.34			
		Pump Intake (ft-bmp)	9.23	Purge Method	Low-Flow			
		Well Volumes Purged	1.51					
Sample Time:	Label	9:42	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start	8:40						
	Purge End	9:48						

Gary Schafer

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:40	0	100	7.74	0.00	7.36	0.71	8.65	5.49	11.8	-52.7	Clear	No Odor
8:45	5	100	7.74	0.13	7.41	0.86	4.59	5.22	11.7	-39.6	Clear	No Odor
8:50	5	100	7.74	0.26	7.43	0.86	3.34	5.01	11.8	-31.6	Clear	No Odor
8:55	5	100	7.74	0.39	7.46	0.85	3.18	5.24	11.9	-28.6	Clear	No Odor
9:00	5	100	7.74	0.52	7.46	0.84	3.01	4.85	12.0	-27.1	Clear	No Odor
9:05	5	100	7.74	0.65	7.48	0.83	2.64	4.52	11.9	20.3	Clear	No Odor
9:10	5	100	7.75	0.78	7.40	0.82	2.58	4.30	12.0	-19.2	Clear	No Odor
9:15	5	100	7.75	0.91	7.48	0.81	2.96	2.30	11.9	-22.8	Clear	No Odor
9:20	5	100	7.75	1.04	7.49	0.81	2.47	2.47	11.9	-29.0	Clear	No Odor
9:25	5	100	7.75	1.17	7.51	0.81	2.53	2.21	11.9	-31.9	Clear	No Odor
9:30	5	100	7.75	1.30	7.52	0.80	2.41	1.57	11.9	-35.6	Clear	No Odor
9:35	5	100	7.75	1.43	7.53	0.80	2.59	1.90	11.9	-38.2	Clear	No Odor
9:40	5	100	7.75	1.56	7.54	0.80	2.52	1.92	11.9	-37.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information				
Well Location:	ROW - Plymouth	Well Locked at Arrival:	yes	
Condition of Well:	Good	Well Locked at Departure:	yes	
Well Completion:	Flush mount	Lock Functioning:	yes	

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-102			Date	5-22-20
Project Name/Location	Ford LTP		Weather		60 degrees F, Light Rain and Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.30	Total Depth (ft-bmp)	14.68	Water Column (ft.)	14.38	Gallons in Well	2.34
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.44				
Sample Time:	Label	10:51	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	10:08					Xenia Chan
	Purge End	10:54					

Aut

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	ROW - End of Rosati	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-102S		Date	5-22-20		
Project Name/Location	Ford LTP		Weather		59 degrees F. Light Rain and Fog/Mist			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	0.50	Total Depth (ft-bmp)	12.36	Water Column (ft.)	11.86	Gallons in Well	1.93	
		Pump Intake (ft-bmp)	2.00	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	0.81					
Sample Time:	Label	9:47	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Xenia Chan
	Purge Start	8:43						
	Purge End	9:50						

Aub

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* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Location:	ROW - End of Rosati	Well Locked at Arrival:	yes
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01		Well ID	MW-105S		Date	5-20-20	
Project Name/Location	Ford LTP		Weather	51 degrees F, Cloudy		Well Material	PVC	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Gallons in Well	1.74	
Static Water Level (ft-bmp)	1.05	Total Depth (ft-bmp)	11.75	Water Column (ft.)	10.70	Sample Method	Grab	
		Pump Intake (ft-bmp)	2.55	Purge Method	Low-Flow			
		Well Volumes Purged	1.17					
Sample Time:	Label	8:50	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
	Purge Start	7:51						
	Purge End	8:53						

Julia McClafferty

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
7:51	0	130	1.05	0.00	6.63	0.87	10.30	0.47	12.9	146.7	Clear, Small White Particulates	No Odor
7:56	5	130	1.05	0.17	6.63	0.87	8.04	0.44	12.8	140.5	Clear	No Odor
8:01	5	130	1.06	0.34	6.71	0.88	8.12	0.26	12.6	119.0	Clear	No Odor
8:06	5	130	1.06	0.51	6.77	0.89	7.50	0.19	12.4	104.7	Clear	No Odor
8:11	5	130	1.06	0.68	6.82	0.90	7.67	0.19	12.3	92.4	Clear	No Odor
8:16	5	130	1.06	0.85	6.87	0.91	9.08	0.16	12.3	83.8	Clear	No Odor
8:21	5	130	1.06	1.02	6.89	1.11	7.19	0.12	12.3	85.4	Clear	No Odor
8:26	5	130	1.06	1.19	7.12	2.00	6.23	0.10	12.4	81.3	Clear	No Odor
8:31	5	130	1.06	1.36	7.21	2.26	2.89	0.10	12.4	68.7	Clear	No Odor
8:36	5	130	1.06	1.53	7.25	2.36	2.27	0.10	12.4	57.5	Clear	No Odor
8:41	5	130	1.06	1.70	7.26	2.39	2.11	0.09	12.4	51.6	Clear	No Odor
8:46	5	130	1.06	1.87	7.27	2.41	1.50	0.07	12.4	43.9	Clear	No Odor
8:51	5	130	1.06	2.04	7.27	2.42	9.00	0.07	12.3	40.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	ROW - Rosati	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-106S			Date	5-19-20
Project Name/Location	Ford LTP		Weather		57 degrees F, Light Rain and Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.15	Total Depth (ft-bmp)	11.67	Water Column (ft.)	10.52	Gallons in Well	1.71
		Pump Intake (ft-bmp)	2.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.76		MW-106S-		
Sample Time:	Label	12:00	Volume Purged	1.3 gallons	Replicate/Code No.	MS_051920,MW-106S-MSD_051920	Sampled by
	Purge Start	11:07					Xenia Chan
	Purge End	12:10					

Aub

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* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	ROW - Close to Beacon and Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-107S			Date	5-19-20
Project Name/Location	Ford LTP		Weather			57 degrees F. Light Rain and Fog/Mist	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.75	Total Depth (ft-bmp)	12.15	Water Column (ft.)	7.40	Gallons in Well	1.20
		Pump Intake (ft-bmp)	6.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.01		MW-107S_MS_051920		
Sample Time:	Label	12:27	Volume Purged	1.21 gallons	Replicate/Code No.	MW-107S_MSD_051920	Sampled by
	Purge Start	11:40					Heather Woodrum
	Purge End	12:37					

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* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information	
Well Location:	Well Locked at Arrival:
Condition of Well:	Well Locked at Departure:
Well Completion:	Lock Functioning:



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01		Well ID	MW-108S		Date	5-19-20	
Project Name/Location	Ford LTP		Weather	57 degrees F, Light Rain and Fog/Mist		Well Material	PVC	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Gallons in Well	1.94	
Static Water Level (ft-bmp)	0.68	Total Depth (ft-bmp)	12.62	Water Column (ft.)	11.94	Sample Method	Grab	
		Pump Intake (ft-bmp)	2.20	Purge Method	Low-Flow			
		Well Volumes Purged	1.24					
Sample Time:	Label	11:13	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
	Purge Start	10:13						
	Purge End	11:18						

Rachel Bielak

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:13	0	150	0.68	0.00	6.93	1.63	9.02	5.01	12.6	110.8	Clear	No Odor
10:18	5	150	0.77	0.20	7.12	1.60	11.20	2.78	12.2	40.1	Clear	No Odor
10:23	5	150	0.76	0.40	7.14	1.59	11.30	2.42	12.0	2.7	Clear	No Odor
10:28	5	150	0.77	0.60	7.13	1.59	13.10	2.14	11.8	-14.0	Clear	No Odor
10:33	5	150	0.77	0.80	7.10	1.58	15.40	1.37	11.7	-30.9	Clear	No Odor
10:38	5	150	0.78	1.00	7.10	1.59	11.00	1.03	11.6	-41.2	Clear	No Odor
10:43	5	150	0.77	1.20	7.10	1.59	8.55	0.98	11.6	-43.4	Clear	No Odor
10:48	5	150	0.77	1.40	7.10	1.59	7.42	0.85	11.5	-47.8	Clear	No Odor
10:53	5	150	0.77	1.60	7.10	1.59	6.62	0.73	11.5	-49.3	Clear	No Odor
10:58	5	150	0.77	1.80	7.10	1.59	4.79	0.68	11.5	-51.2	Clear	No Odor
11:03	5	150	0.77	2.00	7.10	1.60	8.77	0.74	11.6	-51.6	Clear	No Odor
11:08	5	150	0.77	2.20	7.10	1.60	12.70	0.70	11.6	-53.2	Clear	No Odor
11:13	5	150	0.77	2.40	7.10	1.60	6.29	0.67	11.5	-53.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	Missing one thread tab and bolt

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	ROW - North side of Rosati along curb	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-111S			Date	5-26-20
Project Name/Location	Ford LTP		Weather		78 degrees F. Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	
Static Water Level (ft-bmp)	6.92	Total Depth (ft-bmp)	12.71	Water Column (ft.)	5.79	Gallons in Well	
		Pump Intake (ft-bmp)	8.42	Purge Method	Low-Flow	Sample Method	
		Well Volumes Purged	1.94				
Sample Time:	Label	11:40	Volume Purged	1.82 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	10:59					Christina Weaver
	Purge End	11:45					

Chris

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	12051 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-112S			Date	5-21-20
Project Name/Location	Ford LTP		Weather		62 degrees F. Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.76	Total Depth (ft-bmp)	11.69	Water Column (ft.)	5.93	Gallons in Well	0.96
		Pump Intake (ft-bmp)	7.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.82				
Sample Time:	Label	10:45	Volume Purged	1.75 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	10:06					Christina Weaver
	Purge End	10:51					

Chris

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	34935 Wadsworth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-116S			Date	5-20-20
Project Name/Location	Ford LTP		Weather		59 degrees F. Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	
Static Water Level (ft-bmp)	7.20	Total Depth (ft-bmp)	12.79	Water Column (ft.)	5.59	Gallons in Well	
		Pump Intake (ft-bmp)	8.70	Purge Method	Low-Flow	Sample Method	
		Well Volumes Purged	1.57			Grab	
Sample Time:	Label	12:15	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	11:14					Xenia Chan
	Purge End	12:18					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information				
Well Location:	34851 Wadsworth - Next to back porch		Well Locked at Arrival:	yes
Condition of Well:	Good		Well Locked at Departure:	yes
Well Completion:	Flush mount		Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-119S			Date	5-20-20
Project Name/Location	Ford LTP		Weather		53 degrees F. Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.62	Total Depth (ft-bmp)	12.38	Water Column (ft.)	9.76	Gallons in Well	1.59
		Pump Intake (ft-bmp)	4.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.49				
Sample Time:	Label	9:08	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	8:32					Xenia Chan
	Purge End	9:10					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information				
Well Location:	12034 Boston Post - N side of the house.		Well Locked at Arrival:	yes
Condition of Well:	Good		Well Locked at Departure:	yes
Well Completion:	Flush mount		Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-128S			Date	5-20-20
Project Name/Location	Ford LTP		Weather		57 degrees F. Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.14	Total Depth (ft-bmp)	13.10	Water Column (ft.)	6.96	Gallons in Well	1.13
		Pump Intake (ft-bmp)	7.64	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.27				
Sample Time:	Label	10:15	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	9:38					Christina Weaver
	Purge End	10:17					

Chris

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Location:	34360 Capitol	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-131S			Date	5-19-20
Project Name/Location	Ford LTP		Weather		61 degrees F. Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.79	Total Depth (ft-bmp)	12.71	Water Column (ft.)	9.92	Gallons in Well	1.61
		Pump Intake (ft-bmp)	4.29	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.75				
Sample Time:	Label	14:00	Volume Purged	1.2 gallons	Replicate/Code No.		
	Purge Start	13:30			--	Sampled by	Rachel Bielak
	Purge End	14:08					

Rachel Bulak

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	ROW - Along curb next to fire hydrant	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-132S	Date	5-19-20			
Project Name/Location	Ford LTP			Weather	61 degrees F, Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	4.76	Total Depth (ft-bmp)	12.40	Water Column (ft.)	7.64			
		Pump Intake (ft-bmp)	6.26	Gallons in Well	1.24			
		Well Volumes Purged	1.94	Purge Method	Low-Flow			
Sample Time:	Label	14:31	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
	Purge Start	13:27						
	Purge End	14:34						

Julia McClafferty

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:27	0	150	4.77	0.00	7.38	1.90	203.00	3.24	12.5	13.6	Small Orange Particulates, Turbid	No Odor
13:32	5	150	4.78	0.20	7.41	1.94	152.00	3.82	12.4	13.1	Small Orange Particulates, Turbid	No Odor
13:37	5	150	4.78	0.40	7.44	1.95	106.00	3.53	12.5	11.7	Small Orange Particulates, Turbid	No Odor
13:42	5	150	4.78	0.60	7.47	1.95	66.40	3.40	12.5	9.9	Clear, Small Orange Particulates	No Odor
13:47	5	150	4.78	0.80	7.47	1.94	42.20	3.38	12.4	9.8	Clear, Small Orange Particulates	No Odor
13:52	5	150	4.78	1.00	7.48	1.93	31.30	3.13	12.4	10.1	Clear, Small Orange Particulates	No Odor
13:57	5	150	4.78	1.20	7.48	1.92	17.30	3.00	12.4	10.3	Clear	No Odor
14:02	5	150	4.78	1.40	7.48	1.93	10.60	2.86	12.4	10.4	Clear	No Odor
14:07	5	150	4.78	1.60	7.48	1.93	7.96	2.87	12.4	10.6	Clear	No Odor
14:12	5	150	4.78	1.80	7.48	1.93	6.55	2.92	12.4	11.0	Clear	No Odor
14:17	5	150	4.79	2.00	7.48	1.93	5.85	2.94	12.4	11.4	Clear	No Odor
14:22	5	150	4.78	2.20	7.48	1.93	3.29	2.50	12.4	11.8	Clear	No Odor
14:27	5	150	4.79	2.40	7.49	1.94	3.40	2.71	12.4	11.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	ROW - Rosati	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-136S		Date	5-19-20
Project Name/Location	Ford LTP		Weather		57 degrees F. Light Rain and Fog/Mist	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material
Static Water Level (ft-bmp)	0.68	Total Depth (ft-bmp)	7.17	Water Column (ft.)	6.49	Gallons in Well
		Pump Intake (ft-bmp)	2.25	Purge Method	Low-Flow	Sample Method
		Well Volumes Purged	1.13			Grab
Sample Time:	Label	11:12	Volume Purged	1.19 gallons	Replicate/Code No.	Sampled by
	Purge Start	10:35			--	Heather Woodrum
	Purge End	11:16				

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information	
Well Location:	Well Locked at Arrival: yes
Condition of Well:	Well Locked at Departure: yes
Well Completion:	Lock Functioning: yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-137S		Date	5-19-20
Project Name/Location	Ford LTP		Weather		57 degrees F. Light Rain and Fog/Mist	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material
Static Water Level (ft-bmp)	0.30	Total Depth (ft-bmp)	7.05	Water Column (ft.)	6.75	Gallons in Well
		Pump Intake (ft-bmp)	2.00	Purge Method	Low-Flow	Sample Method
		Well Volumes Purged	0.93			Grab
Sample Time:	Label	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	9:40				Heather Woodrum
	Purge End	10:15				

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information				
Well Location:	ROW - Corner of Brewster and Capitol		Well Locked at Arrival:	yes
Condition of Well:	Good		Well Locked at Departure:	yes
Well Completion:	Flush mount		Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-138S		Date	5-26-20
Project Name/Location	Ford LTP		Weather		83 degrees F. Mostly Clear	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	PVC
Static Water Level (ft-bmp)	0.56	Total Depth (ft-bmp)	5.98	Water Column (ft.)	5.42	Gallons in Well
		Pump Intake (ft-bmp)	2.06	Purge Method	Low-Flow	Sample Method
		Well Volumes Purged	1.77			Grab
Sample Time:	Label	13:04	Volume Purged	1.56 gallons	Replicate/Code No.	--
	Purge Start	12:28				
	Purge End	13:07				
						Christina Weaver

Chris

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	ROW Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-139S			Date	5-19-20
Project Name/Location	Ford LTP		Weather		57 degrees F. Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.10	Total Depth (ft-bmp)	6.92	Water Column (ft.)	6.82	Gallons in Well	1.11
		Pump Intake (ft-bmp)	1.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.88				
Sample Time:	Label	13:42	Volume Purged	0.98 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	13:10					Heather Woodrum
	Purge End	13:46					

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	ROW - Corner of Boston Post and Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-140S	Date	5-20-20			
Project Name/Location	Ford LTP			Weather	57 degrees F, Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	1.57	Total Depth (ft-bmp)	6.48	Water Column (ft.)	4.91			
		Pump Intake (ft-bmp)	3.07	Gallons in Well	0.80			
		Well Volumes Purged	2.57	Purge Method	Low-Flow			
Sample Time:	Label	10:33	Volume Purged	2.06 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
	Purge Start	9:33						
	Purge End	10:39						

Rachel Bielak

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [±0.3]	Total Gallons Purged	pH [±0.1]	Cond. (mS/cm) [±3%]	Turbidity (NTU) [±10%*]	DO (mg/L) [±10%]	Temp. (C)/(F) [±3%]	Redox (mV) [±10mV]	Appearance	
											Color	Odor
9:33	0	150	1.57	0.00	9.25	0.19	3.60	1015.00	12.5	-11.4	Clear	No Odor
9:38	5	125	1.60	0.20	7.92	0.15	4.39	9.05	12.2	49.3	Clear	No Odor
9:43	5	125	1.60	0.37	7.42	0.15	7.12	8.78	12.1	60.3	Clear	No Odor
9:48	5	125	1.60	0.54	7.43	0.15	6.54	8.27	12.1	61.6	Clear	No Odor
9:53	5	125	1.60	0.71	7.46	0.16	5.15	7.75	12.0	63.4	Clear	No Odor
9:58	5	125	1.60	0.88	7.56	0.17	5.68	7.14	12.2	64.4	Clear	No Odor
10:03	5	125	1.60	1.05	7.68	0.19	5.19	6.41	12.1	66.1	Clear	No Odor
10:08	5	125	1.60	1.21	7.76	0.20	5.67	6.72	12.2	67.8	Clear	No Odor
10:13	5	125	1.60	1.38	7.80	0.20	6.15	5.99	12.3	68.9	Clear	No Odor
10:18	5	125	1.60	1.55	7.81	0.20	4.63	6.24	12.4	69.3	Clear	No Odor
10:23	5	125	1.60	1.72	7.83	0.20	5.26	5.96	12.5	70.5	Clear	No Odor
10:28	5	125	1.60	1.89	7.83	0.20	3.90	5.73	12.4	70.7	Clear	No Odor
10:33	5	125	1.60	2.06	7.84	0.20	5.65	5.66	12.5	71.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	ROW - In yard in front of 12067 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-141S			Date	5-20-20
Project Name/Location	Ford LTP		Weather		57 degrees F. Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.87	Total Depth (ft-bmp)	7.69	Water Column (ft.)	4.82	Gallons in Well	0.78
		Pump Intake (ft-bmp)	4.37	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44				
Sample Time:	Label	11:38	Volume Purged	1.12 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	11:08					Rachel Bielak
	Purge End	11:47					

Rachel Bulak

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information				
Well Location:	ROW - In front of 12124 Boston Post between maple trees		Well Locked at Arrival:	yes
Condition of Well:	Fair, Missing bolts		Well Locked at Departure:	yes
Well Completion:	Flush mount		Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-142S			Date	5-19-20
Project Name/Location	Ford LTP		Weather	57 degrees F, Light Rain and Fog/Mist			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.63	Total Depth (ft-bmp)	6.75	Water Column (ft.)	5.12	Gallons in Well	0.83
		Pump Intake (ft-bmp)	3.13	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.45				
Sample Time:	Label	12:09	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	11:38					
	Purge End	12:17					

Rachel Bulak

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	Vault heaved, bentonite swelling in vault. Removed water and excess bentonite before removing jplug

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

1.25 = 0.06		2 = 0.16		3 = 0.37		4 = 0.65	
Well Information							
Well Location:				Well Locked at Arrival:			
ROW - Near driveway to semi trailer lot in grass halfway between curb and fence				yes			
Condition of Well: Pad damaged,Poor,Vault broken				Well Locked at Departure: yes			
Well Completion: Flush mount				Lock Functioning: yes			

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-143S			Date	5-26-20
Project Name/Location	Ford LTP		Weather		74 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	
Static Water Level (ft-bmp)	6.41	Total Depth (ft-bmp)	10.10	Water Column (ft.)	3.69	Gallons in Well	
		Pump Intake (ft-bmp)	7.91	Purge Method	Low-Flow	Sample Method	
		Well Volumes Purged	2.90			Grab	
Sample Time:	Label	10:36	Volume Purged	1.74 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	9:59					Christina Weaver
	Purge End	10:41					

Chris

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information	
Well Location:	12069 Stark
Condition of Well:	Good
Well Completion:	Flush mount

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-144S		Date	5-21-20
Project Name/Location	Ford LTP		Weather		60 degrees F. Partly Cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	PVC
Static Water Level (ft-bmp)	7.03	Total Depth (ft-bmp)	11.77	Water Column (ft.)	4.74	Gallons in Well
		Pump Intake (ft-bmp)	8.53	Purge Method	Low-Flow	Sample Method
		Well Volumes Purged	2.03			Grab
Sample Time:	Label	11:30	Volume Purged	1.56 gallons	Replicate/Code No.	--
	Purge Start	10:27				
	Purge End	11:35				

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information	1 = 0.00	2 = 0.25	3 = 0.50	4 = 0.75

Well Location:	12033 Stark - Right of the front porch	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-145S	Date	5-22-20			
Project Name/Location	Ford LTP			Weather	61 degrees F, Fog/Mist			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	5.05	Total Depth (ft-bmp)	9.96	Water Column (ft.)	4.91			
		Pump Intake (ft-bmp)	6.55	Gallons in Well	PVC			
		Well Volumes Purged	3.90	Purge Method	Low-Flow			
				Sample Method	Grab			
Sample Time:	Label	13:03	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
	Purge Start	11:59						
	Purge End	13:06						

Christina Weaver

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:01	0	200	5.11	0.00	7.53	0.31	117.00	2.32	11.3	242.5	Clear, Orange	No Odor
12:06	5	200	5.11	0.26	6.63	0.32	90.50	0.99	10.9	267.8	Clear, Orange	No Odor
12:11	5	200	5.12	0.52	6.51	0.34	65.50	0.59	10.8	261.2	Clear	No Odor
12:16	5	200	5.11	0.78	6.61	0.35	49.90	0.54	10.8	252.1	Clear, Orange	No Odor
12:21	5	200	5.11	1.04	6.68	0.36	50.20	0.50	10.8	243.6	Clear, Orange	No Odor
12:26	5	200	5.11	1.30	6.90	0.39	36.90	0.35	10.8	220.9	Clear, Orange	No Odor
12:31	5	200	5.11	1.56	6.91	0.41	22.40	0.29	10.7	215.8	Clear	No Odor
12:36	5	200	5.11	1.82	6.94	0.46	16.20	0.27	10.8	205.5	Clear	No Odor
12:41	5	200	5.11	2.08	6.97	0.51	13.00	0.20	10.7	196.5	Clear	No Odor
12:46	5	200	5.11	2.34	6.99	0.55	6.97	0.20	10.8	188.4	Clear	No Odor
12:51	5	200	5.11	2.60	7.00	0.59	5.19	0.16	10.7	181.9	Clear	No Odor
12:56	5	200	5.11	2.86	6.99	0.64	4.89	0.20	10.8	175.4	Clear	No Odor
13:01	5	200	5.11	3.12	7.02	0.66	4.65	0.18	10.7	170.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information				
Well Location:	12087 Stark	Well Locked at Arrival:	yes	
Condition of Well:	Good	Well Locked at Departure:	yes	
Well Completion:	Flush mount	Lock Functioning:	yes	

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-161S			Date	5-19-20
Project Name/Location	Ford LTP		Weather		61 degrees F. Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.21	Total Depth (ft-bmp)	7.60	Water Column (ft.)	5.39	Gallons in Well	0.88
		Pump Intake (ft-bmp)	3.71	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.91				
Sample Time:	Label	14:00	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	13:27					Christina Weaver
	Purge End	14:05					

Chris

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	34851 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-164S	Date	5-21-20
Project Name/Location	Ford LTP		Weather	57 degrees F, Partly Cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2
Static Water Level (ft-bmp)	3.10	Total Depth (ft-bmp)	7.48	Water Column (ft.)	4.38
		Pump Intake (ft-bmp)	4.60	Gallons in Well	0.71
		Well Volumes Purged	4.21	Purge Method	Low-Flow
				Sample Method	Grab

Sample Time:	Label	9:30	Volume Purged	2.99 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
	Purge Start	8:25						
	Purge End	9:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:27	0	180	3.15	0.00	7.86	0.13	6.65	10.23	11.8	218.2	Clear	No Odor
8:32	5	190	3.15	0.24	6.22	0.09	8.25	9.98	11.1	14.7	Clear	No Odor
8:37	5	190	3.15	0.49	5.41	0.08	7.74	9.88	10.9	284.2	Clear	No Odor
8:42	5	190	3.15	0.74	5.50	0.08	6.75	9.45	10.9	296.3	Clear	No Odor
8:47	5	190	3.16	0.99	5.81	0.09	6.74	9.03	10.8	305.9	Clear	No Odor
8:52	5	190	3.16	1.24	6.12	0.11	4.55	8.49	10.8	306.0	Clear	No Odor
8:57	5	190	3.16	1.49	6.22	0.12	4.43	8.26	10.8	309.2	Clear	No Odor
9:02	5	190	3.16	1.74	6.44	0.14	3.89	8.11	10.7	308.7	Clear	No Odor
9:07	5	190	3.16	1.99	6.52	0.15	3.66	8.14	10.7	309.3	Clear	No Odor
9:12	5	190	3.16	2.24	6.59	0.16	3.84	7.86	10.7	312.8	Clear	No Odor
9:17	5	190	3.16	2.49	6.70	0.16	3.65	7.76	10.7	311.8	Clear	No Odor
9:22	5	190	3.16	2.74	6.78	0.17	2.89	7.51	10.7	313.7	Clear	No Odor
9:27	5	190	3.16	2.99	6.82	0.18	2.53	7.43	10.7	315.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information		
Well Location:	34637 Beacon	Well Locked at Arrival: yes
Condition of Well:	Good	Well Locked at Departure: yes
Well Completion:	Flush mount	Lock Functioning: yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-165S			Date	5-20-20
Project Name/Location	Ford LTP		Weather		62 degrees F. Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.74	Total Depth (ft-bmp)	6.28	Water Column (ft.)	4.54	Gallons in Well	0.74
		Pump Intake (ft-bmp)	3.24	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.78				
Sample Time:	Label	11:37	Volume Purged	1.32 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	11:03					Christina Weaver
	Purge End	11:39					

Chris

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information	
Well Location:	34669 Beacon
Condition of Well:	Good
Well Completion:	Flush mount



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01		Well ID	MW-166S		Date	5-26-20	
Project Name/Location	Ford LTP		Weather	71 degrees F, Partly Cloudy		Well Material	PVC	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Gallons in Well	0.74	
Static Water Level (ft-bmp)	6.06	Total Depth (ft-bmp)	10.59	Water Column (ft.)	4.53	Sample Method	Grab	
		Pump Intake (ft-bmp)	7.56	Purge Method	Low-Flow			
		Well Volumes Purged	4.70					
Sample Time:	Label	9:36	Volume Purged	3.48 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
	Purge Start	8:31						
	Purge End	9:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:34	0	220	6.08	0.00	7.17	0.70	0.02	6.54	12.4	294.6	Clear	No Odor
8:39	5	220	6.09	0.29	7.26	0.75	0.02	6.22	11.9	288.2	Clear	No Odor
8:44	5	220	6.09	0.58	7.41	0.79	0.02	5.57	11.7	284.9	Clear	No Odor
8:49	5	220	6.09	0.87	7.12	0.97	0.02	4.38	11.5	288.4	Clear	No Odor
8:54	5	220	6.09	1.16	6.98	1.33	0.02	3.40	11.4	291.5	Clear	No Odor
8:59	5	220	6.09	1.45	7.00	1.46	0.02	3.08	11.5	289.0	Clear	No Odor
9:04	5	220	6.09	1.74	7.06	1.56	0.02	3.07	11.3	279.2	Clear	No Odor
9:09	5	220	6.09	2.03	7.04	1.58	0.02	2.94	11.5	270.5	Clear	No Odor
9:14	5	220	6.09	2.32	7.09	1.63	0.02	2.87	11.4	242.7	Clear	No Odor
9:19	5	220	6.09	2.61	7.08	1.64	0.02	2.87	11.4	223.5	Clear	No Odor
9:24	5	220	6.09	2.90	7.12	1.66	0.02	2.90	11.4	181.5	Clear	No Odor
9:29	5	220	6.09	3.19	7.11	1.66	0.02	2.83	11.3	170.3	Clear	No Odor
9:34	5	220	6.09	3.48	7.12	1.66	0.02	2.86	11.2	161.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	12147 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01	Well ID	MW-167S	Date	5-21-20			
Project Name/Location	Ford LTP			Weather	57 degrees F, Partly Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	4.57	Total Depth (ft-bmp)	9.22	Water Column (ft.)	4.65			
		Pump Intake (ft-bmp)	6.07	Gallons in Well	0.76			
		Well Volumes Purged	1.37	Purge Method	Low-Flow			
Sample Time:	Label	9:43	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Xenia Chan
	Purge Start	8:57						
	Purge End	9:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:57	0	100	4.59	0.00	8.17	1.39	55.90	8.10	13.1	186.5	Cloudy	No Odor
9:02	5	100	4.59	0.13	7.21	1.12	62.50	6.00	11.6	213.4	Cloudy	No Odor
9:07	5	100	4.59	0.26	7.17	1.07	41.80	5.96	11.4	203.7	Cloudy	No Odor
9:12	5	100	4.59	0.39	7.10	1.03	24.90	6.02	11.0	197.9	Clear	No Odor
9:17	5	100	4.59	0.52	7.09	1.02	18.00	6.06	10.9	192.3	Clear	No Odor
9:22	5	100	4.59	0.65	7.08	1.03	14.80	6.00	10.8	188.2	Clear	No Odor
9:27	5	100	4.59	0.78	7.09	1.03	11.20	5.71	10.8	184.7	Clear	No Odor
9:32	5	100	4.59	0.91	7.13	1.03	10.70	5.69	10.8	180.7	Clear	No Odor
9:37	5	100	4.59	1.04	7.13	1.03	11.30	5.76	10.8	178.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information				
Well Location:	12001 Stark	Well Locked at Arrival:	yes	
Condition of Well:	Good	Well Locked at Departure:	yes	
Well Completion:	Flush mount	Lock Functioning:	yes	



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01		Well ID	MW-170S		Date	5-19-20	
Project Name/Location	Ford LTP		Weather	57 degrees F, Light Rain and Fog/Mist		Well Material	PVC	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Gallons in Well	0.71	
Static Water Level (ft-bmp)	5.12	Total Depth (ft-bmp)	9.52	Water Column (ft.)	4.40	Sample Method	Grab	
		Pump Intake (ft-bmp)	6.62	Purge Method	Low-Flow			
		Well Volumes Purged	2.93					
Sample Time:	Label	11:15	Volume Purged	2.08 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
	Purge Start	10:30						
	Purge End	11:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:32	0	200	5.15	0.00	8.15	1.86	13.70	2.99	10.3	143.4	Clear	No Odor
10:37	5	200	5.15	0.26	7.27	1.95	8.70	1.02	10.2	72.4	Clear	No Odor
10:42	5	200	5.15	0.52	7.21	1.95	7.50	0.64	10.2	11.3	Clear	No Odor
10:47	5	200	5.15	0.78	7.25	1.90	5.30	0.29	10.2	-35.8	Clear	No Odor
10:52	5	200	5.15	1.04	7.30	1.89	1.88	0.27	10.2	-73.2	Clear	No Odor
10:57	5	200	5.15	1.30	7.33	1.87	1.25	0.20	10.2	-85.6	Clear	No Odor
11:02	5	200	5.15	1.56	7.34	1.86	0.80	0.18	10.3	-91.4	Clear	No Odor
11:07	5	200	5.15	1.82	7.35	1.85	0.02	0.20	10.2	-96.2	Clear	No Odor
11:12	5	200	5.18	2.08	7.34	1.86	0.02	0.13	10.2	-97.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information		
Well Location:	34991 Beacon	Well Locked at Arrival: yes
Condition of Well:	Good	Well Locked at Departure: yes
Well Completion:	Flush mount	Lock Functioning: yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01	Well ID	MW-180SR		Date	5-20-20		
Project Name/Location	Ford LTP		Weather		57 degrees F. Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	PVC		
Static Water Level (ft-bmp)	6.34	Total Depth (ft-bmp)	11.00	Water Column (ft.)	4.66	Gallons in Well	0.76	
		Pump Intake (ft-bmp)	7.84	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	1.37					
Sample Time:	Label	10:30	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Xenia Chan
	Purge Start	9:44						
	Purge End	10:32						

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* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	34891 Wadsworth - W of garage		Well Locked at Arrival:
Condition of Well:	Good		Well Locked at Departure:
Well Completion:	Flush mount		Lock Functioning:



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01		Well ID	MW-181S		Date	5-20-20	
Project Name/Location	Ford LTP		Weather	62 degrees F, Mostly Cloudy				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.5-8.5	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	4.00	Total Depth (ft-bmp)	8.50	Water Column (ft.)	4.50	Gallons in Well	0.73	
		Pump Intake (ft-bmp)	5.50	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	4.27					
Sample Time:	Label	13:23	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
	Purge Start	12:19						
	Purge End	13:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:21	0	200	4.03	0.00	7.43	0.59	2.12	8.31	11.4	326.1	Clear	No Odor
12:26	5	200	4.04	0.26	7.18	0.59	1.89	7.98	11.2	341.0	Clear	No Odor
12:31	5	200	4.05	0.52	7.30	0.62	0.37	7.46	11.0	341.0	Clear	No Odor
12:36	5	200	4.05	0.78	7.36	0.63	0.02	7.12	11.0	339.6	Clear	No Odor
12:41	5	200	4.05	1.04	7.45	0.65	0.02	6.58	11.0	337.0	Clear	No Odor
12:46	5	200	4.05	1.30	7.47	0.66	0.02	6.29	11.0	332.4	Clear	No Odor
12:51	5	200	4.05	1.56	7.44	0.66	0.02	6.06	11.0	324.4	Clear	No Odor
12:56	5	200	4.05	1.82	7.42	0.68	0.02	5.57	11.0	281.0	Clear	No Odor
13:01	5	200	4.05	2.08	7.37	0.70	0.02	5.02	11.0	208.7	Clear	No Odor
13:06	5	200	4.05	2.34	7.43	0.73	0.02	4.57	11.2	153.1	Clear	No Odor
13:11	5	200	4.05	2.60	7.40	0.77	0.02	4.26	11.2	123.7	Clear	No Odor
13:16	5	200	4.05	2.86	7.43	0.79	0.02	3.98	11.3	102.3	Clear	No Odor
13:21	5	200	4.05	3.12	7.38	0.82	0.02	3.79	11.2	94.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes				
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
6" = 1.47				

Well Information				
Well Location:	34990 Wadsworth	Well Locked at Arrival:	no	
Condition of Well:	Good	Well Locked at Departure:	no	
Well Completion:	Flush mount	Lock Functioning:	n/a	



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01		Well ID	MW-185S		Date	5-19-20	
Project Name/Location	Ford LTP		Weather	57 degrees F, Light Rain and Fog/Mist				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	6.17	Total Depth (ft-bmp)	10.60	Water Column (ft.)	4.43	Gallons in Well	0.72	
		Pump Intake (ft-bmp)	7.67	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	4.17					
Sample Time:	Label	12:51	Volume Purged	3 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
	Purge Start	11:48						
	Purge End	12:54						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	190	6.21	0.00	8.49	0.33	0.02	8.94	11.8	-49.0	Clear	No Odor
11:55	5	190	6.21	0.25	7.65	0.28	0.02	8.80	11.7	-15.7	Clear	No Odor
12:00	5	190	6.21	0.50	7.45	0.27	0.11	8.73	11.7	3.8	Clear	No Odor
12:05	5	190	6.21	0.75	7.42	0.29	0.23	7.91	11.7	17.2	Clear	No Odor
12:10	5	190	6.21	1.00	7.29	0.42	0.02	3.96	11.7	32.3	Clear	No Odor
12:15	5	190	6.21	1.25	7.22	0.48	0.02	3.05	11.7	38.3	Clear	No Odor
12:20	5	190	6.21	1.50	7.19	0.54	0.02	2.64	11.7	43.7	Clear	No Odor
12:25	5	190	6.21	1.75	7.14	0.60	0.02	2.46	11.7	48.2	Clear	No Odor
12:30	5	190	6.21	2.00	7.11	0.65	0.02	2.31	11.7	50.1	Clear	No Odor
12:35	5	190	6.21	2.25	7.08	0.71	0.02	2.02	11.8	52.3	Clear	No Odor
12:40	5	190	6.21	2.50	7.06	0.74	0.05	1.94	11.8	53.1	Clear	No Odor
12:45	5	190	6.21	2.75	7.05	0.77	0.02	1.69	11.8	52.8	Clear	No Odor
12:50	5	190	6.21	3.00	7.04	0.80	0.02	1.64	11.8	52.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	34921 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

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Project No.	30050315.402.01		Well ID	MW-192S		Date	5-19-20	
Project Name/Location	Ford LTP		Weather	57 degrees F, Light Rain and Fog/Mist				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	1.30	Total Depth (ft-bmp)	7.72	Water Column (ft.)	6.42	Gallons in Well	1.04	
		Pump Intake (ft-bmp)	2.80	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	2.31					
Sample Time:	Label	10:20	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Xenia Chan
	Purge Start	9:14						
	Purge End	10:23						

Xenia

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:16	0	150	1.30	0.00	7.08	0.59	38.30	4.02	11.2	200.5	Clear	No Odor
9:21	5	150	1.30	0.20	6.92	0.55	30.40	3.78	11.0	202.2	Clear	No Odor
9:26	5	150	1.30	0.40	6.96	0.57	29.00	3.22	10.8	198.1	Clear	No Odor
9:31	5	150	1.30	0.60	7.00	0.58	24.00	3.16	10.7	148.7	Clear	No Odor
9:36	5	150	1.30	0.80	7.03	0.59	17.30	2.78	10.6	65.1	Clear	No Odor
9:41	5	150	1.30	1.00	7.05	0.59	14.60	2.72	10.6	42.1	Clear	No Odor
9:46	5	150	1.30	1.20	7.11	0.60	16.50	2.50	10.9	31.6	Clear	No Odor
9:51	5	150	1.30	1.40	7.10	0.60	13.50	2.44	10.8	25.1	Clear	No Odor
9:56	5	150	1.30	1.60	7.11	0.61	11.30	2.47	10.9	19.9	Clear	No Odor
10:01	5	150	1.30	1.80	7.12	0.61	11.60	2.46	11.0	16.9	Clear	No Odor
10:06	5	150	1.30	2.00	7.14	0.62	8.20	2.42	11.0	17.1	Clear	No Odor
10:11	5	150	1.30	2.20	7.13	0.63	8.02	2.22	11.0	15.2	Clear	No Odor
10:16	5	150	1.30	2.40	7.15	0.63	8.74	2.11	11.1	15.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	2" = 0.16	3" = 0.37	4" = 0.65

Well Information			
Well Location:	ROW - Corner of Brewster and Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01	Well ID	MW-193S		Date	5-19-20		
Project Name/Location	Ford LTP		Weather		57 degrees F. Light Rain and Fog/Mist			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC	
Static Water Level (ft-bmp)	2.55	Total Depth (ft-bmp)	7.35	Water Column (ft.)	4.80	Gallons in Well	0.78	
		Pump Intake (ft-bmp)	4.05	Purge Method	Low-Flow	Sample Method	Grab	
		Well Volumes Purged	3.67					
Sample Time:	Label	10:00	Volume Purged	2.86 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
	Purge Start	8:59						
	Purge End	10:05						

Chris

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information	
Well Location:	Well Locked at Arrival:
Condition of Well:	Well Locked at Departure:
Well Completion:	Lock Functioning:



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01		Well ID	MW-207S		Date	5-21-20	
Project Name/Location	Ford LTP		Weather	65 degrees F, Mostly Cloudy		Well Material	PVC	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Gallons in Well	0.29	
Static Water Level (ft-bmp)	6.50	Total Depth (ft-bmp)	8.30	Water Column (ft.)	1.80	Sample Method	Grab	
		Pump Intake (ft-bmp)	8.00	Purge Method	Low-Flow			
		Well Volumes Purged	4.03					
Sample Time:	Label	13:10	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Xenia Chan
	Purge Start	12:17						
	Purge End	13:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:17	0	100	6.58	0.00	8.76	0.53	245.00	9.16	13.9	132.6	Brown, Cloudy	No Odor
12:22	5	100	6.57	0.13	7.70	0.28	174.00	7.31	12.8	165.2	Brown, Cloudy	No Odor
12:27	5	100	6.58	0.26	7.57	0.28	70.10	7.55	12.6	168.4	Cloudy	No Odor
12:32	5	100	6.58	0.39	7.68	0.26	28.70	7.31	12.5	162.2	Clear	No Odor
12:37	5	100	6.58	0.52	7.85	0.25	11.70	6.97	12.5	150.4	Clear	No Odor
12:42	5	100	6.60	0.65	7.92	0.25	8.37	6.94	12.5	144.3	Clear	No Odor
12:47	5	100	6.60	0.78	7.95	0.25	7.92	6.92	12.5	136.8	Clear	No Odor
12:52	5	100	6.60	0.91	7.98	0.25	6.41	7.30	12.4	134.2	Clear	No Odor
12:57	5	100	6.60	1.04	7.98	0.25	6.48	7.10	12.4	136.2	Clear	No Odor
13:02	5	100	6.60	1.17	7.97	0.25	5.92	6.93	12.4	139.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	2.25" = 0.06	3" = 0.37	4" = 0.65

Well Information		
Well Location:	12125 Stark - Left of front door	Well Locked at Arrival: yes
Condition of Well:	Good	Well Locked at Departure: yes
Well Completion:	Flush mount	Lock Functioning: yes



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01	Well ID	MW-214S	Date	5-20-20			
Project Name/Location	Ford LTP			Weather	62 degrees F, Mostly Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2			
Static Water Level (ft-bmp)	6.05	Total Depth (ft-bmp)	10.96	Water Column (ft.)	4.91			
		Pump Intake (ft-bmp)	7.55	Purge Method	Low-Flow			
		Well Volumes Purged	2.77					
Sample Time:	Label	13:40	Volume Purged	2.22 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
	Purge Start	12:40						
	Purge End	13:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [±0.3]	Total Gallons Purged	pH [±0.1]	Cond. (mS/cm) [±3%]	Turbidity (NTU) [±10%*]	DO (mg/L) [±10%]	Temp. (C)/(F) [±3%]	Redox (mV) [±10mV]	Appearance	
											Color	Odor
12:40	0	125	6.05	0.00	8.06	1.60	8.65	5.78	14.7	66.6	Clear	No Odor
12:45	5	125	6.07	0.17	7.87	1.69	7.64	4.83	14.8	62.8	Clear	No Odor
12:50	5	125	6.07	0.34	7.72	2.00	5.08	4.03	14.6	53.8	Clear	No Odor
12:55	5	125	6.06	0.51	7.31	2.59	3.19	2.56	14.7	-12.2	Clear	No Odor
13:00	5	125	6.06	0.68	7.28	2.64	3.58	2.23	14.4	-36.2	Clear	No Odor
13:05	5	150	6.06	0.85	7.29	2.70	1.48	1.29	14.5	-58.7	Clear	No Odor
13:10	5	125	6.06	1.05	7.30	2.74	1.25	1.43	14.5	-73.9	Clear	No Odor
13:15	5	150	6.06	1.22	7.29	2.76	1.57	1.04	14.5	-82.6	Clear	No Odor
13:20	5	150	6.06	1.42	7.29	2.77	1.63	0.93	14.4	-87.8	Clear	No Odor
13:25	5	150	6.06	1.62	7.29	2.78	1.13	0.78	14.5	-91.9	Clear	No Odor
13:30	5	150	6.06	1.82	7.29	2.79	2.32	0.70	14.3	-94.9	Clear	No Odor
13:35	5	150	6.06	2.02	7.29	2.81	1.33	0.55	14.3	-96.5	Clear	No Odor
13:40	5	150	6.06	2.22	7.29	2.81	0.80	0.60	14.6	-96.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	3" = 0.37	4" = 0.65	
	1.25" = 0.06			

Well Information			
Well Location:	12400 Belden; In parking lot area of ATS	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01	Well ID	MW-215S			Date	5-20-20
Project Name/Location	Ford LTP		Weather		63 degrees F. Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.78	Total Depth (ft-bmp)	7.62	Water Column (ft.)	3.84	Gallons in Well	0.62
		Pump Intake (ft-bmp)	5.28	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.94				
Sample Time:	Label	14:50	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	14:20					Rachel Bielak
	Purge End	14:56					

Richard Gulak

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	35000 Plymouth - Behind Bill Brown Ford dealership in front of east parking isle	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a



SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01	Well ID	MW-216S	Date	5-20-20	
Project Name/Location	Ford LTP		Weather	62 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	
Static Water Level (ft-bmp)	6.95	Total Depth (ft-bmp)	20.43	Water Column (ft.)	13.48	
		Pump Intake (ft-bmp)	8.45	Gallons in Well	2.19	
		Well Volumes Purged	0.53	Purge Method	Low-Flow	
Sample Time:	Label	13:45	Volume Purged	1.17 gallons	Replicate/Code No.	--
	Purge Start	12:56			Sampled by	Xenia Chan
	Purge End	13:47				

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (C)/(F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:56	0	100	6.98	0.00	9.48	0.25	30.10	11.54	10.6	99.0	Clear	No Odor
13:01	5	100	6.98	0.13	7.93	0.09	32.20	9.15	9.7	127.3	Clear	No Odor
13:06	5	100	6.98	0.26	7.49	0.07	34.20	8.97	9.5	138.2	Clear	No Odor
13:11	5	100	6.98	0.39	7.33	0.07	37.50	8.80	9.6	141.1	Clear	No Odor
13:16	5	100	6.98	0.52	7.20	0.06	35.00	8.75	9.7	146.0	Clear	No Odor
13:21	5	100	6.98	0.65	7.11	0.06	36.10	8.63	9.6	149.3	Clear	No Odor
13:26	5	100	6.98	0.78	7.07	0.07	34.00	8.34	9.6	150.5	Clear	No Odor
13:31	5	100	6.98	0.91	7.06	0.07	34.50	8.22	9.6	151.0	Clear	No Odor
13:36	5	100	6.98	1.04	7.07	0.07	34.10	8.22	9.6	152.5	Clear	No Odor
13:41	5	100	6.98	1.17	7.08	0.07	34.10	8.30	9.6	152.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

Well Casing Volumes	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
Gallons/Foot	2" = 0.04	2.25" = 0.06	3" = 0.37	4" = 0.65

Well Information			
Well Location:	34851 Wadsworth - Backyard near the S fence	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Page 1 of 1

Project No.	30050315.402.01	Well ID	MW-217S			Date	5-21-20
Project Name/Location	Ford LTP		Weather		65 degrees F. Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.96	Total Depth (ft-bmp)	10.19	Water Column (ft.)	4.23	Gallons in Well	0.69
		Pump Intake (ft-bmp)	7.46	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.77				
Sample Time:	Label	12:08	Volume Purged	2.6 gallons	Replicate/Code No.	--	Sampled by
	Purge Start	11:13					Christina Weaver
	Purge End	12:14					

Chris

[illegible]

* Turbidity < 50 NTU and $\pm 10\%$ or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments	None

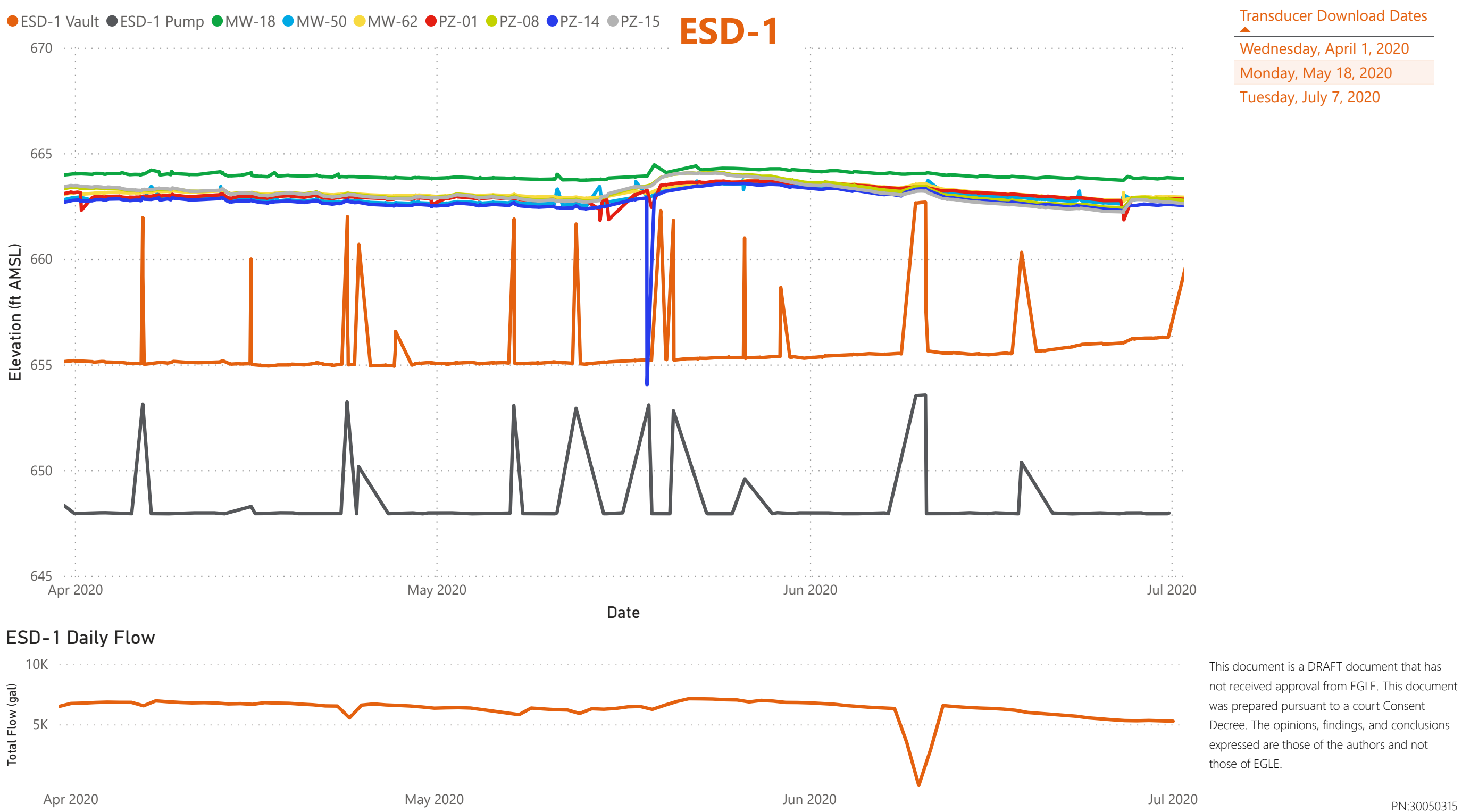
Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information			
Well Location:	34935 Wadsworth	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

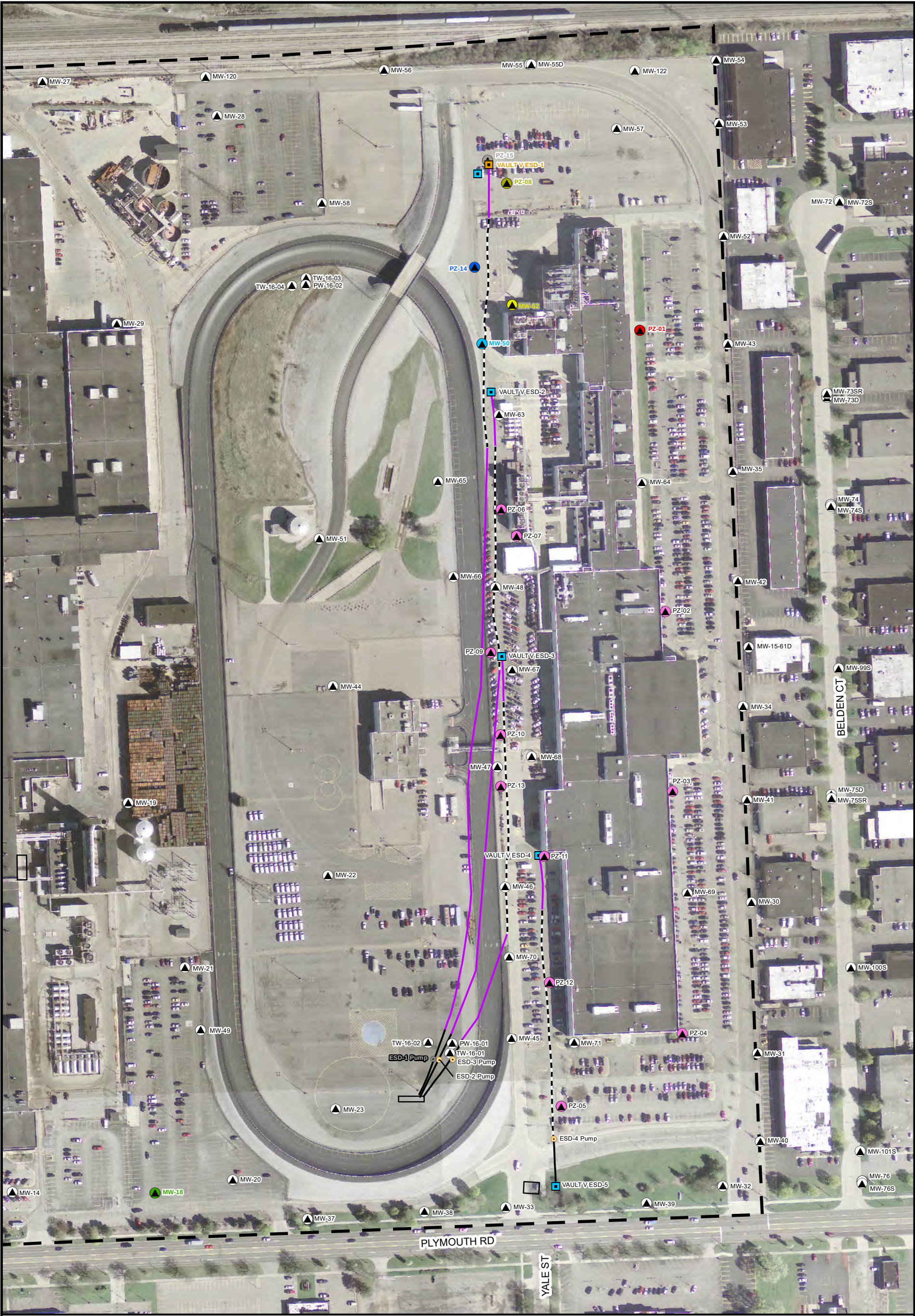
APPENDIX D

Transducer Data





CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30050315 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\Novi\Brighton_Mi\FordLivonia\GIS\docs\2020-03\ESD1_TransducerMap.mxd PLOTTED: 7/15/2020 3:40:54 PM BY: tjscott



LEGEND

- ▲ MONITORING WELL
- PIEZOMETER
- ESD PUMP
- VAULT
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- - - WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- FORD PROPERTY BOUNDARY

NOTES:

1. SYMBOLGY COLOR-CODING CORRESPONDS TO ASSOCIATED TRANSDUCER DATA. REFER TO ATTACHED GRAPH.



0 100 200



SCALE IN FEET
1 inch = 200 feet

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

**PERFORMANCE MONITORING WELLS -
ESD-1**



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built assets

● ESD-2 Vault ● ESD-2 Pump ● MW-18 ● MW-48 ● MW-63 ● PZ-06 ● PZ-07 ● PZ-09

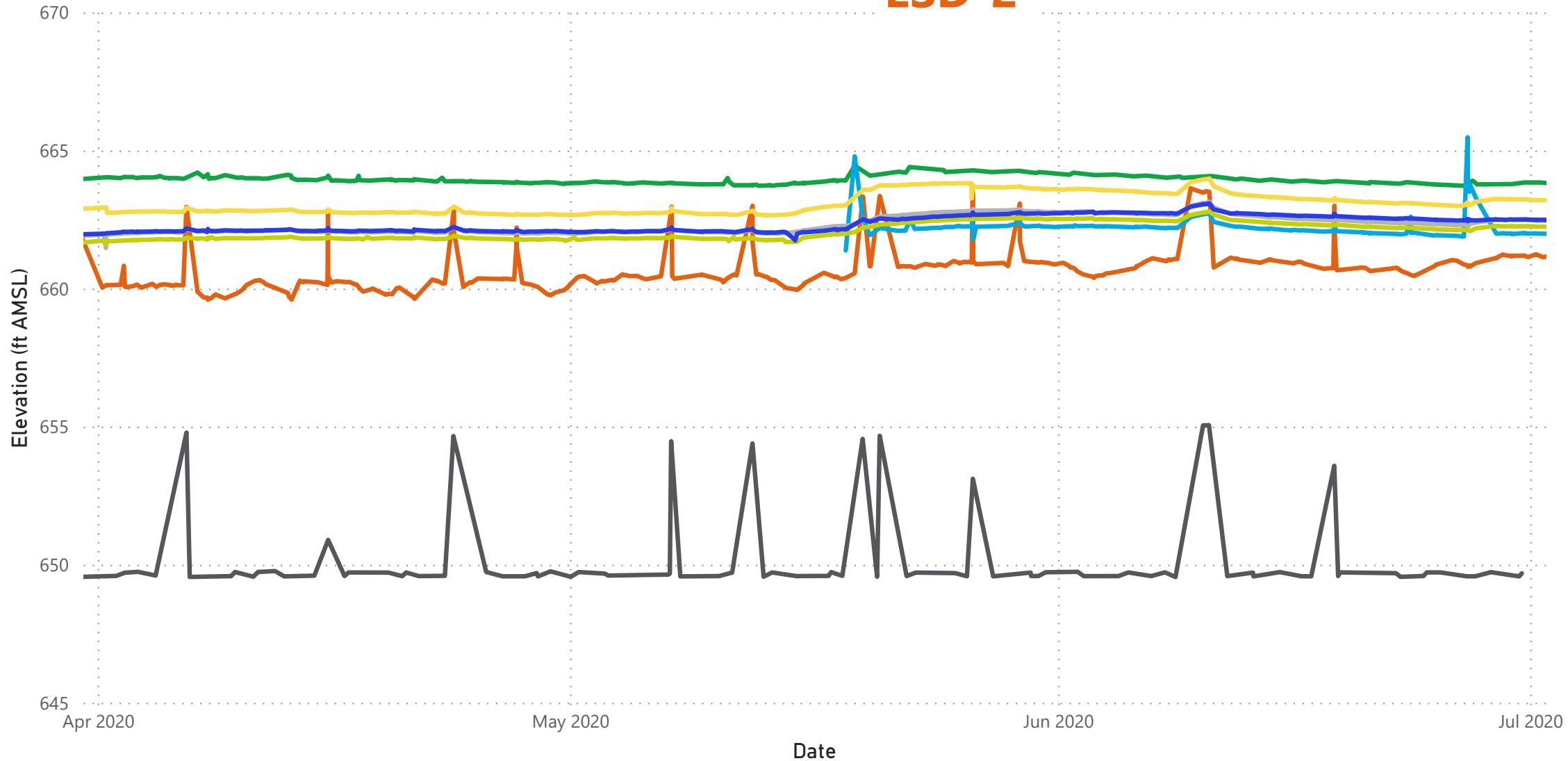
ESD-2

Transducer Download Dates

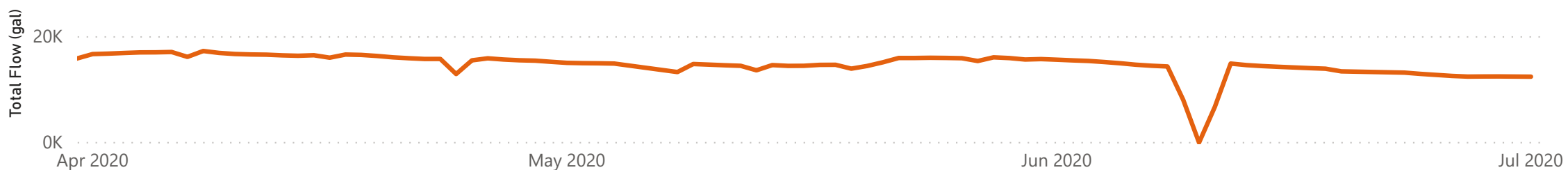
Wednesday, April 1, 2020

Monday, May 18, 2020

Tuesday, July 7, 2020

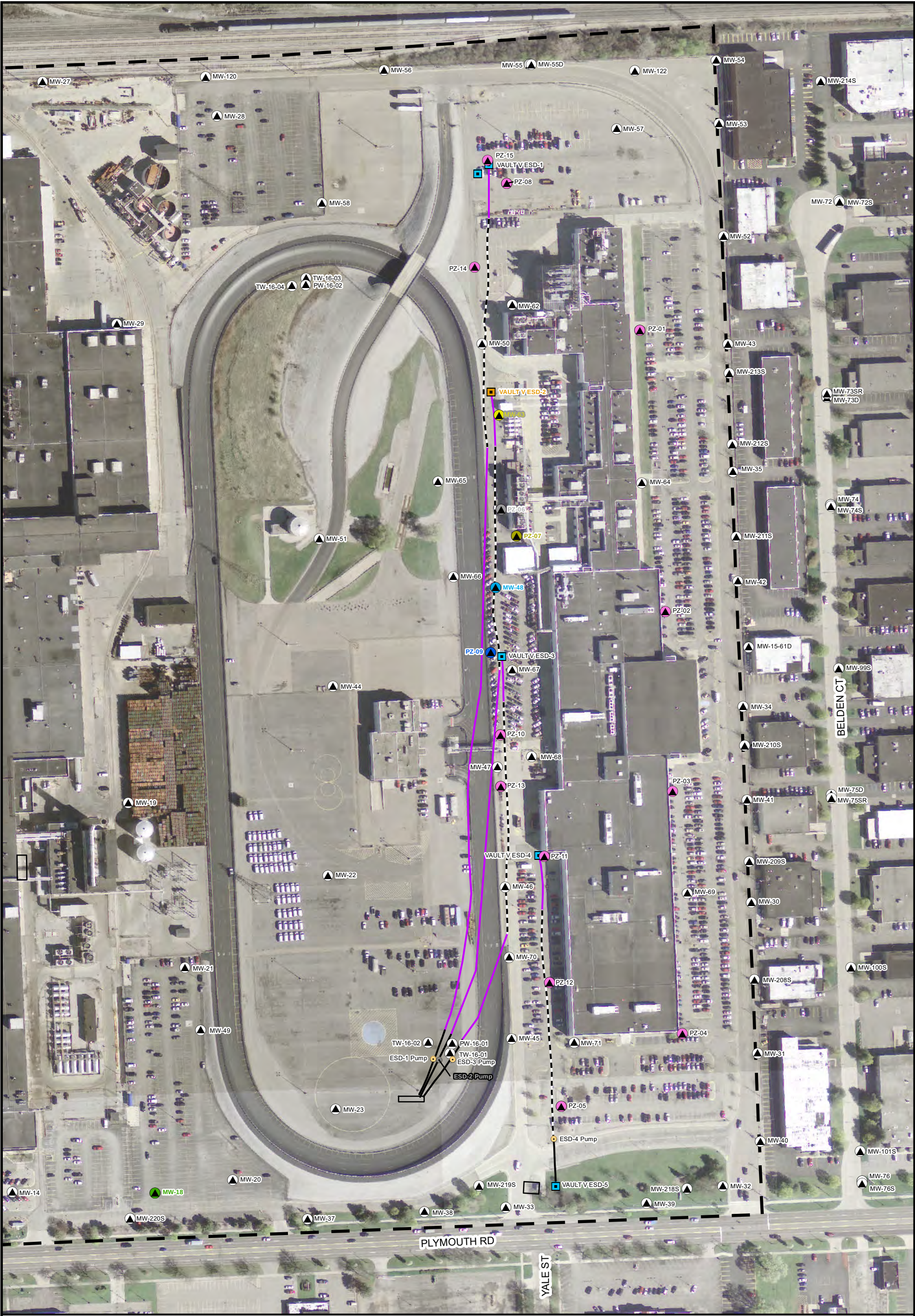


ESD-2 Daily Flow



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CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30050315 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\Novi\Brighton_Mi\FordLivonia\GIS\docs\2020-03\ESD2_TransducerMap.mxd PLOTTED: 7/15/2020 3:50:28 PM BY: tjscott



LEGEND

- ▲ MONITORING WELL
- PIEZOMETER
- ESD PUMP
- VAULT
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- - - WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- ┌ ┐ FORD PROPERTY BOUNDARY

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0 100 200



SCALE IN FEET
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LIVONIA, MICHIGAN

PERFORMANCE MONITORING WELLS -
ESD-2



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● ESD-3 Vault ● ESD-3 Pump ● MW-18 ● MW-46 ● MW-68 ● PZ-03 ● PZ-10 ● PZ-13

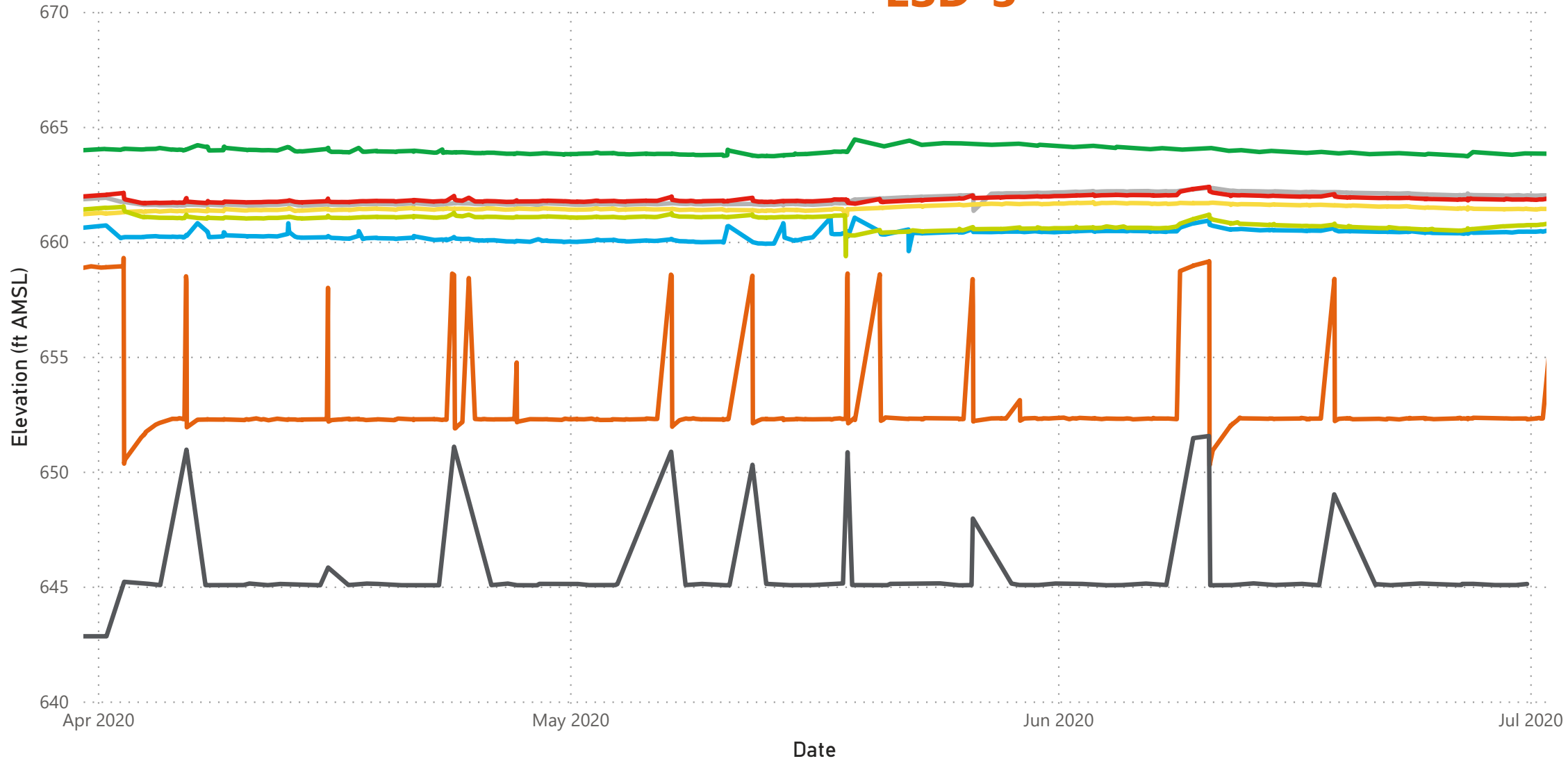
ESD-3

Transducer Download Dates

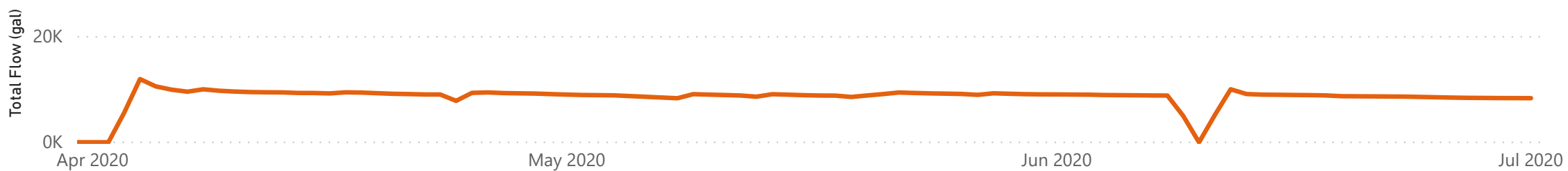
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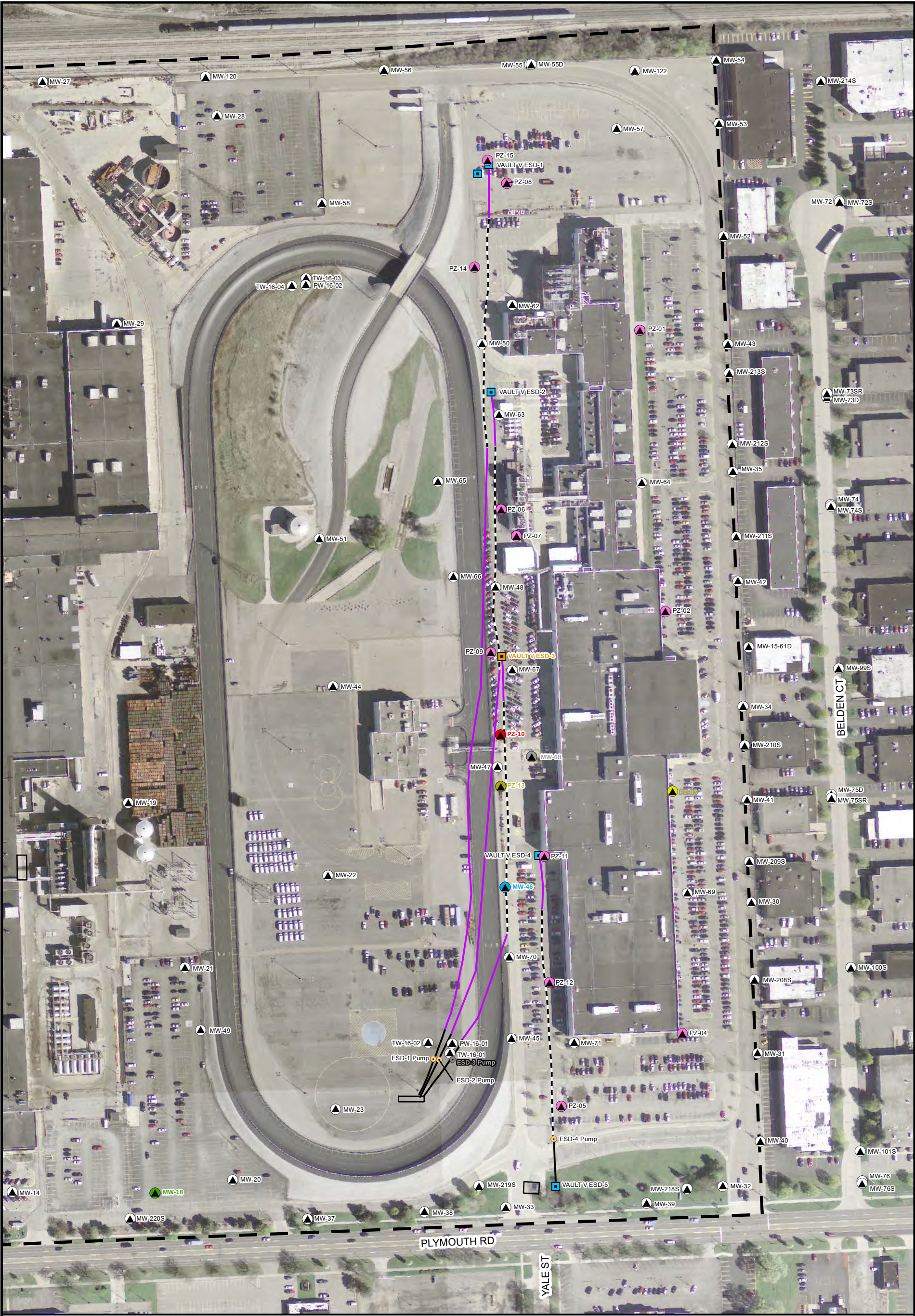


ESD-3 Daily Flow



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CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30050315 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
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LEGEND

- ▲ MONITORING WELL
- PIEZOMETER
- ESD PUMP
- VAULT
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- - - WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- FORD PROPERTY BOUNDARY

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0 100 200



SCALE IN FEET
1 inch = 200 feet

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LIVONIA, MICHIGAN

PERFORMANCE MONITORING WELLS -
ESD-3



ARCADIS

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● ESD-4 Vault ● ESD-4 Pump ● MW-18 ● MW-45 ● MW-71 ● PZ-05 ● PZ-11 ● PZ-12

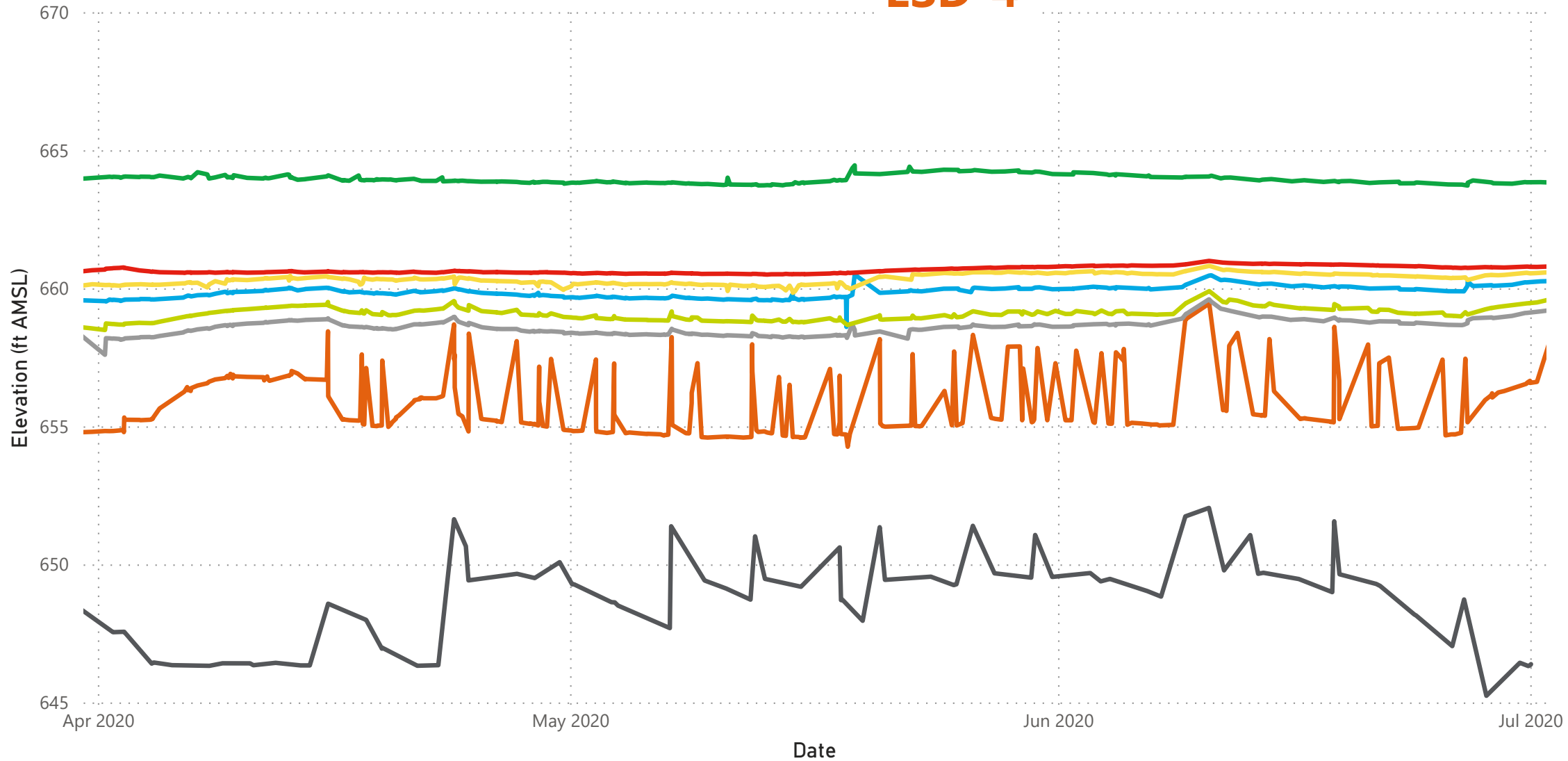
ESD-4

Transducer Download Date

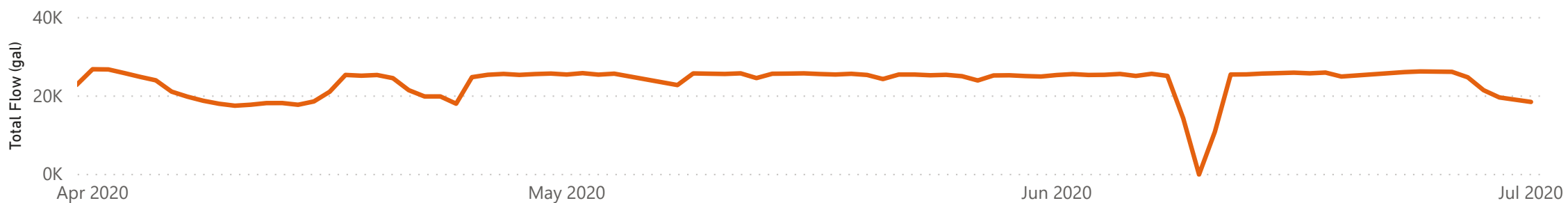
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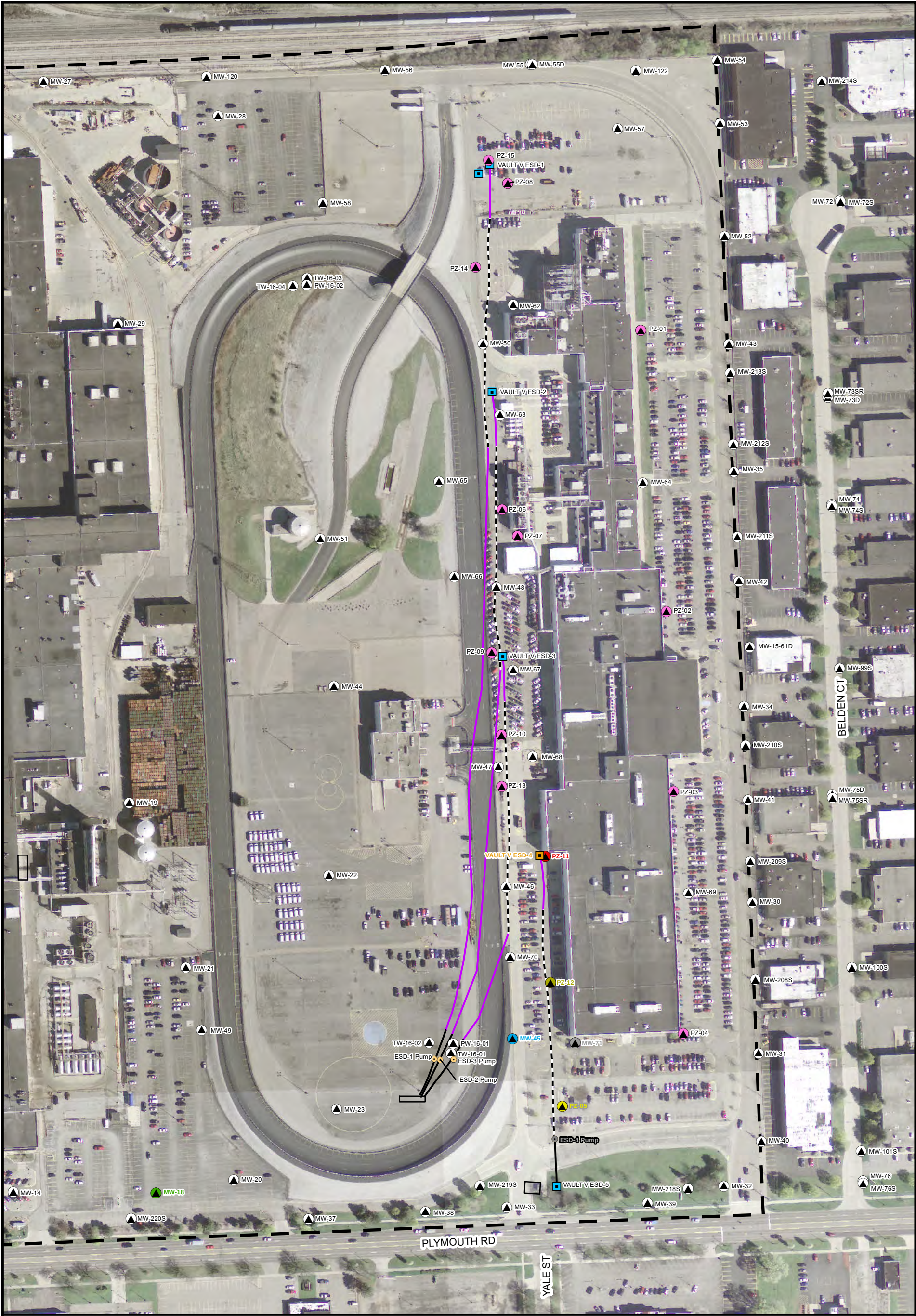


ESD-4 Daily Flow



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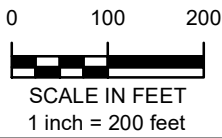


LEGEND

- ▲ MONITORING WELL
- PIEZOMETER
- ESD PUMP
- VAULT
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
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- FORD PROPERTY BOUNDARY

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LIVONIA, MICHIGAN

PERFORMANCE MONITORING WELLS -
ESD-4



APPENDIX E

Stability Analysis



Trend Analysis Methodology

The Mann-Kendall trend test is a non-parametric test that determines trends based on ranked data. As such, it is relatively insensitive to small data sets, outlier values and non-detect concentrations and does not require the data to fit a specific model. The basic Mann-Kendall trend test is performed by listing the concentrations of the constituent of interest in temporal order and computing the differences between a given measurement and earlier measurements (Gilbert 1987; USEPA 2009). Based on USEPA guidance (USEPA 2009), non-detect values are set to a single value less than that of any detections, and laboratory qualified concentrations are set equal to the laboratory reporting limit.

The Mann-Kendall test statistic (sum of trend [S]) is the difference between the number of strictly positive differences and the number of strictly negative differences. If S is positive, an increasing trend is indicated; if S is negative, a decreasing trend is indicated; and if S is near zero, no trend is apparent. Trends with positive or negative S-statistics were accepted as statistically significant for p-values less than or equal to 0.1 (90% confidence level). The coefficient of variation (CV) is a quantitative measure that can be used to evaluate if concentrations are stable in cases where a statistically significant trend is not apparent. The CV is calculated as the standard deviation of concentrations of each COC measured over time at a monitoring well divided by the mean (average) concentration over the same time period. CV values near or greater than 1 indicate variability in concentrations over time or suggest an underlying trend that is not statistically significant. Lower CV values indicate that concentrations are stable over time. Where no significant trend was found, the trend determination presented was based on the sign and magnitude of the S-statistic, the CV value, and visual examination of the pattern in concentrations over time.

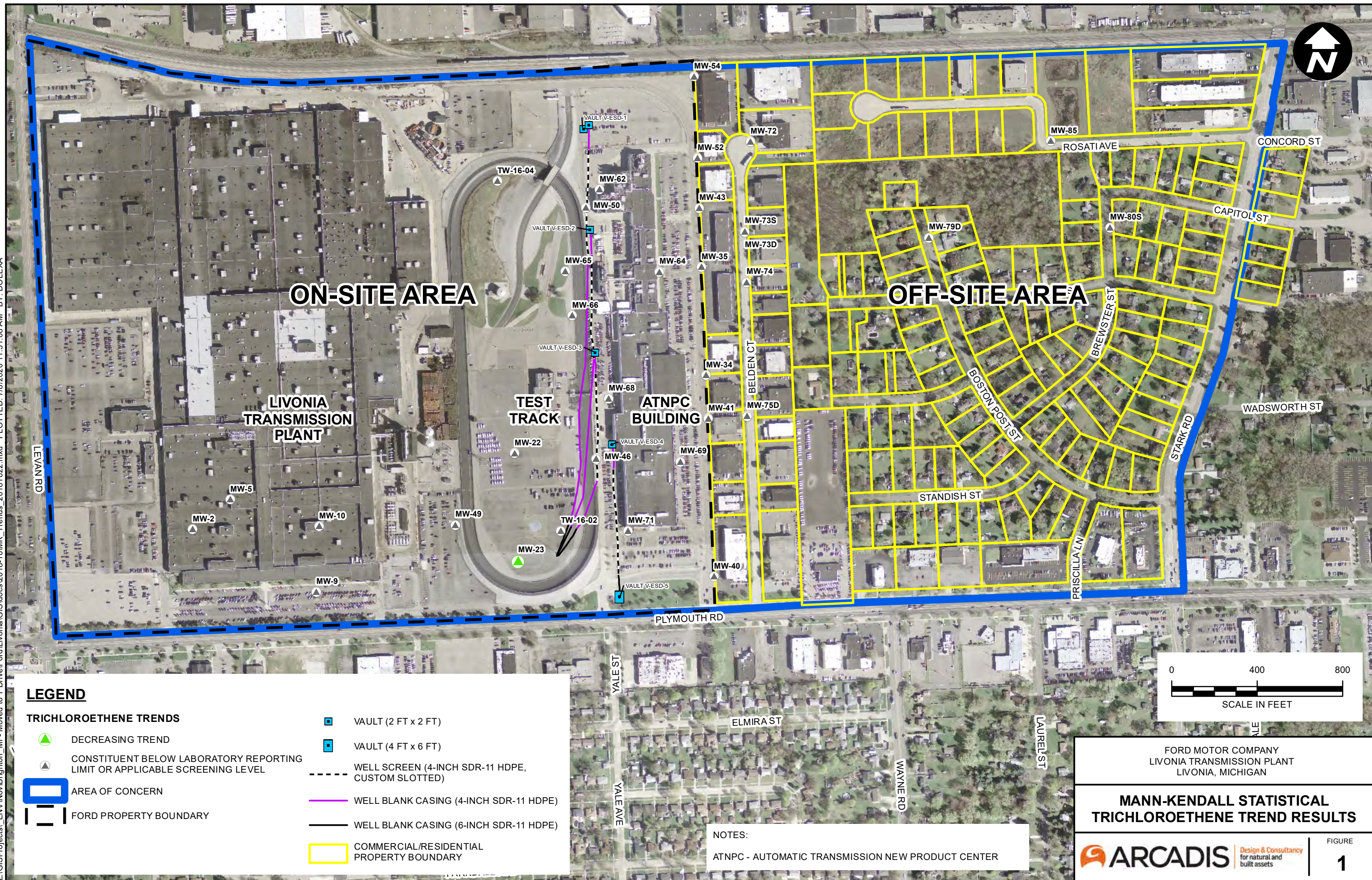
References

- Gilbert, R.O. 1987. *Statistical Methods for Environmental Pollution Monitoring*. John Wiley and Sons, Inc. New York.
- USEPA. 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities. Office of Resource Conservation and Recovery. Unified Guidance. EPA 530-R-09-007.

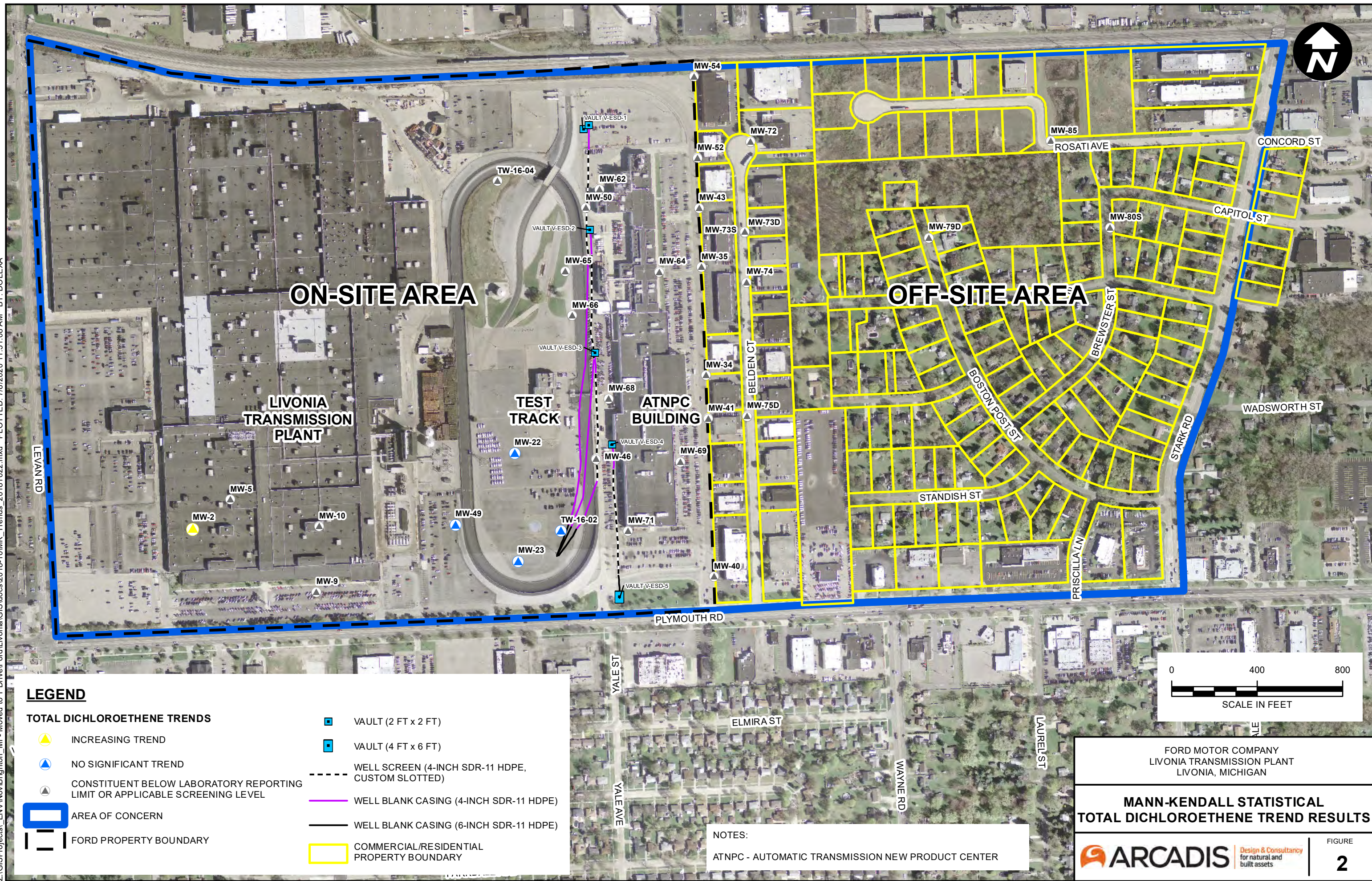
Monitoring Well	Constituent	Start Date	End Date	Minimum Concentration	Maximum Concentration	Most Recent Concentration	n	% detections	CV	S-Statistic	p-value	Trend Determination
MW-2	TCE	5/12/2016	5/20/2020	3.4 J	< 140	< 100	14	29	NA	NA	NA	NA
MW-2	Total DCE	5/12/2016	5/20/2020	550	4,640	4,040	14	100	0.5	75	< 0.01	Statistically Significant Increasing
MW-2	VC	5/12/2016	5/20/2020	140	280	150	14	100	0.2	-3	0.46	Stable
MW-5	TCE	5/13/2016	5/27/2020	0.18 J	< 1.0	< 1.0	13	15	NA	NA	NA	NA
MW-5	Total DCE	5/13/2016	5/27/2020	0.39 J	< 1.0	< 1.0	13	15	NA	NA	NA	NA
MW-5	VC	5/13/2016	5/27/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-9	TCE	5/12/2016	2/10/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-9	Total DCE	5/12/2016	2/10/2020	0.29 J	< 1.0	< 1.0	12	8	NA	NA	NA	NA
MW-9	VC	5/12/2016	2/10/2020	0.20 J	7.6	0.20 J	12	100	0.9	NA	NA	Less than screening criteria
MW-10	TCE	5/13/2016	5/20/2020	< 10	< 250	< 200	14	7	NA	NA	NA	NA
MW-10	Total DCE	5/13/2016	5/20/2020	6.4 J	< 250	< 200	14	7	NA	NA	NA	NA
MW-10	VC	5/13/2016	5/20/2020	1,200	5,300	3,300	14	100	0.4	57	< 0.01	Statistically Significant Increasing
MW-22	TCE	5/10/2016	5/26/2020	0.25 J	< 200	< 67	14	7	NA	NA	NA	NA
MW-22	Total DCE	5/10/2016	5/26/2020	25	390	100	14	100	0.5	6	0.39	Variable
MW-22	VC	5/10/2016	5/26/2020	830	2,600	2,600	14	100	0.3	-10	0.31	Stable to Decreasing
MW-23	TCE	5/10/2016	5/27/2020	1,000	25,000	1,300	12	100	0.8	-20	0.10	Statistically Significant Decreasing
MW-23	Total DCE	5/10/2016	5/27/2020	2,580	82,100	10,230	12	100	0.8	-18	0.12	Potentially Decreasing
MW-23	VC	5/10/2016	5/27/2020	77 J	2,400	550	12	83	0.7	-22	0.07	Statistically Significant Decreasing
MW-34	TCE	5/10/2016	5/30/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-34	Total DCE	5/10/2016	5/30/2020	0.29 J	< 1.0	0.40 J	14	64	0.3	NA	NA	Less than screening criteria
MW-34	VC	5/10/2016	5/30/2020	0.52 J	2.2	0.76 J	14	100	0.5	NA	NA	Less than screening criteria
MW-35	TCE	5/10/2016	5/30/2020	0.11 J	< 1.0	< 1.0	13	8	NA	NA	NA	NA
MW-35	Total DCE	5/10/2016	5/30/2020	0.19 J	< 1.0	< 1.0	13	8	NA	NA	NA	NA
MW-35	VC	5/10/2016	5/30/2020	1.8	9.1	9.1	13	100	0.5	6	0.38	Stable to Increasing
MW-40	TCE	5/10/2016	5/30/2020	< 1.0	< 1.0	< 1.0	11	0	NA	NA	NA	NA
MW-40	Total DCE	5/10/2016	5/30/2020	2.6	4.2	3.0	11	100	0.2	NA	NA	Less than screening criteria
MW-40	VC	5/10/2016	5/30/2020	0.26 J	1.8	0.31 J	11	91	0.6	NA	NA	Less than screening criteria
MW-41	TCE	5/11/2016	5/30/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-41	Total DCE	5/11/2016	5/30/2020	0.77 J	3.5	1.4	14	100	0.3	NA	NA	Less than screening criteria
MW-41	VC	5/11/2016	5/30/2020	1.5	5.3	2.0	14	100	0.4	-24	0.10	Statistically Significant Decreasing
MW-43	TCE	5/11/2016	5/30/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-43	Total DCE	5/11/2016	5/30/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-43	VC	5/11/2016	5/30/2020	0.28 J	17	0.28 J	14	86	1.1	NA	NA	Less than screening criteria
MW-46	TCE	5/12/2016	5/22/2020	< 1.0	< 5.0	< 1.0	14	0	NA	NA	NA	NA
MW-46	Total DCE	5/12/2016	5/22/2020	1.6 J	26	3.4	14	100	0.8	NA	NA	Less than screening criteria
MW-46	VC	5/12/2016	5/22/2020	13	150	47	14	100	0.8	-21	0.14	Potentially Decreasing
MW-49	TCE	5/12/2016	5/27/2020	< 50	< 2,500	< 1,000	13	0	NA	NA	NA	NA
MW-49	Total DCE	5/12/2016	5/27/2020	15,110	43,000	26,000	13	100	0.3	-7	0.36	Stable to Decreasing
MW-49	VC	5/12/2016	5/27/2020	4,900	10,000	15,000	13	100	0.3	-12	0.25	Potentially Decreasing
MW-50	TCE	5/11/2016	5/26/2020	< 1.0	< 10	< 10	14	0	NA	NA	NA	NA
MW-50	Total DCE	5/11/2016	5/26/2020	5.2	23	13	14	100	0.4	NA	NA	Less than screening criteria
MW-50	VC	5/11/2016	5/26/2020	48	200	180	14	100	0.3	28	0.07	Statistically Significant Increasing
MW-52	TCE	5/11/2016	5/30/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-52	Total DCE	5/11/2016	5/30/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-52	VC	5/11/2016	5/30/2020	3.4	9.1	4.5	13	100	0.3	-22	0.10	Statistically Significant Decreasing
MW-54	TCE	7/27/2017	5/21/2020	< 1.0	< 1.0	< 1.0	11	0	NA	NA	NA	NA
MW-54	Total DCE	7/27/2017	5/21/2020	< 1.0	< 1.0	< 1.0	11	0	NA	NA	NA	NA
MW-54	VC	7/27/2017	5/21/2020	0.34 J	1.5	0.91 J	10	100	0.3	NA	NA	Less than screening criteria
MW-62	TCE	4/21/2017	5/26/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-62	Total DCE	4/21/2017	5/26/2020	0.23 J	1.6	< 1.0	13	54	0.9	NA	NA	Less than screening criteria
MW-62	VC	4/21/2017	5/26/2020	0.62 J	1.5	1.1	13	92	0.3	-2	0.48	Stable
MW-64	TCE	4/24/2017	5/26/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-64	Total DCE	4/24/2017	5/26/2020	0.18 J	0.37 J	0.20 J	13	77	0.2	NA	NA	Less than screening criteria
MW-64	VC	4/24/2017	5/26/2020	0.69 J	9.9	1.3	13	100	0.7	-11	0.27	Variable
MW-65	TCE	4/25/2017	5/26/2020	< 1.0	< 4.0	< 1.0	13	0	NA	NA	NA	NA
MW-65	Total DCE	4/25/2017	5/26/2020	3.3	7.0	5.0	13	100	0.2	NA	NA	Less than screening criteria
MW-65	VC	4/25/2017	5/26/2020	20	61	34	13	100	0.3	-45	< 0.01	Statistically Significant Decreasing
MW-66	TCE	4/25/2017	5/26/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-66	Total DCE	4/25/2017	5/26/2020	0.19 J	< 1.0	< 1.0	13	8	NA	NA	NA	NA
MW-66	VC	4/25/2017	5/26/2020	0.81 J	5.6	3.5	13	92	0.5	-30	0.04	Statistically Significant Decreasing
MW-68	TCE	4/24/2017	5/26/2020	0.26 J	< 1.0	< 1.0	13	23	NA	NA	NA	NA
MW-68	Total DCE	4/24/2017	5/26/2020	11	45	33	13	100	0.4	NA	NA	Less than screening criteria
MW-68	VC	4/24/2017	5/26/2020	2.1	19	11	13	100	0.7	14	0.21	Variable
MW-69	TCE	4/25/2017	5/26/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-69	Total DCE	4/25/2017	5/26/2020	0.19 J	< 1.0	0.28 J	12	50	0.2	NA	NA	NA
MW-69	VC	4/25/2017	5/26/2020	< 1.0	5.0	5.0	12	83	0.3	38	< 0.01	Statistically Significant Increasing
MW-71	TCE	4/24/2017	5/22/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-71	Total DCE	4/24/2017	5/22/2020	0.30 J	0.61 J	0.45 J	13	85	0.2	NA	NA	Less than screening criteria
MW-71	VC	4/24/2017	5/22/2020	0.29 J	0.83 J	0.32 J	13	85	0.4	NA	NA	Less than screening criteria
MW-72	TCE	5/22/2017	5/26/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-72	Total DCE	7/26/2017	5/26/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-72	VC	5/22/2017	5/26/2020	1.1	3.9	2.1	13	100	0.4	0	0.52	Stable
MW-73D	TCE	5/22/2017	5/22/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-73D	Total DCE	7/26/2017	5/22/2020	0.19 J	< 1.0	< 1.0	12	58	0.3	NA	NA	Less than screening criteria
MW-73D	VC	5/22/2017	5/22/2020	0.28 J	1.3	0.28 J	13	69	0.4	NA	NA	Less than screening criteria
MW-73S	TCE	5/22/2017	5/22/2020	0.15 J	< 1.0	< 1.0	14	71	0.3	NA	NA	Less than screening criteria
MW-73S	Total DCE	7/26/2017	5/22/2020	1.3	3.4	1.6	13	100	0.3	NA	NA	Less than screening criteria
MW-73S	VC	5/22/2017	5/22/2020	0.62 J	1.9	1.4	14	93	0.3	-22	0.12	Potentially Decreasing
MW-74	TCE	5/23/2017	5/21/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-74	Total DCE	7/26/2017	5/21/2020	0.41 J	1.7	1.7	12	83	0.5	NA	NA	Less than screening criteria
MW-74	VC	5/23/2017	5/21/2020	0.70 J	2.8	< 1.0	13	77	0.4	-26	0.06	Statistically Significant Decreasing
MW-75D	TCE	5/23/2017	5/20/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-75D	Total DCE	7/26/2017	5/20/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-75D	VC	5/23/2017	5/20/2020	1.0	6.4	1.3	13	100	0.6	-56	< 0.01	Statistically Significant Decreasing
MW-79D	TCE	5/24/2017	5/20/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-79D	Total DCE	7/25/2017	5/20/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-79D	VC	5/24/2017	5/20/2020	1.3	4.1	1.8	13	100	0.4	-35	0.02	Statistically Significant Decreasing
MW-80S	TCE	5/24/2017	5/19/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-80S	Total DCE	7/25/2017	5/19/2020	0.18 J	< 1.0	< 1.0	13	8	NA	NA	NA	NA
MW-80S	VC	5/24/2017	5/19/2020	1.4	7.6	2.2	14	100	0.5	-41	0.01	Statistically Significant Decreasing
MW-85	TCE	5/25/2017	5/19/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-85	Total DCE	7/25/2017	5/19/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-85	VC	5/25/2017	5/19/2020	3.9	8.6	3.9	13	100	0.2	-58	< 0.01	Statistically Significant Decreasing
TW-16-02	TCE	4/25/2017	2/3/2020	< 20	< 1,000	< 330	12	0	NA	NA	NA	NA
TW-16-02	Total DCE	4/25/2017	2/3/2020	170	7,830	2,200	12	100	0.5	-18	0.12	Potentially Decreasing
TW-16-02	VC	4/25/2017	2/3/2020	420	15,000	7,000	12	100	0.5	-43	< 0.01	Statistically Significant Decreasing
TW-16-04	TCE	4/25/2017	2/4/2020	< 1.0	< 6.7	< 2.5	12	0	NA	NA	NA	NA
TW-16-04	Total DCE	4/25/2017	2/4/2020	12	25	12	12	100	0.2	NA	NA	Less than screening criteria
TW-16-04	VC	4/25/2017	2/4/2020	22	150	22	12	100	0.5	-57	< 0.01	Statistically Significant Decreasing

Notes:
All concentrations are micrograms per liter
TCE = trichloroethene
Total DCE = sum of cis-1,2-DCE, trans-1,2-DCE, and 1,1-DCE. Non-detect concentrations taken as zero.
VC = vinyl chloride
< = less than the posted reporting limit
n = number of samples included in analysis
% = percent
CV = coefficient of variation; low values indicate stable concentrations. Values near or greater than 1 suggest variability and/or a temporal trend.
NA = not applicable due to elevated proportion of non-detect concentrations
S-Statistic: positive values suggest increasing trend, negative values suggest decreasing trend, values near zero indicate stability or variability.
p-value: values less than 0.1 indicate a statistically significant trend at 90% confidence.

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: M001322.0001 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GIS\Projects\ENV\Novi\Brighton MI - Moved to T Drive\Ford\Livonia\GIS\docs\2018-10\WK Trends_20181022.mxd PLOTTED: 7/8/2020 11:51:08 AM BY: DOLEXA



CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: M001322.0001 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Z:\GIS\Projects\ENV\Novi\Brighton MI - Moved to T Drive\Ford\Livonia\GIS\docs\2018-10\WK Trends_20181022.mxd PLOTTED: 7/8/2020 11:51:08 AM BY: DOLEXA



LEGEND

TOTAL DICHLOROETHENE TRENDS

- ▲ INCREASING TREND
- ▲ NO SIGNIFICANT TREND
- ▲ CONSTITUENT BELOW LABORATORY REPORTING LIMIT OR APPLICABLE SCREENING LEVEL
- AREA OF CONCERN
- FORD PROPERTY BOUNDARY
- 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)
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY

NOTES:
ATNPC - AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

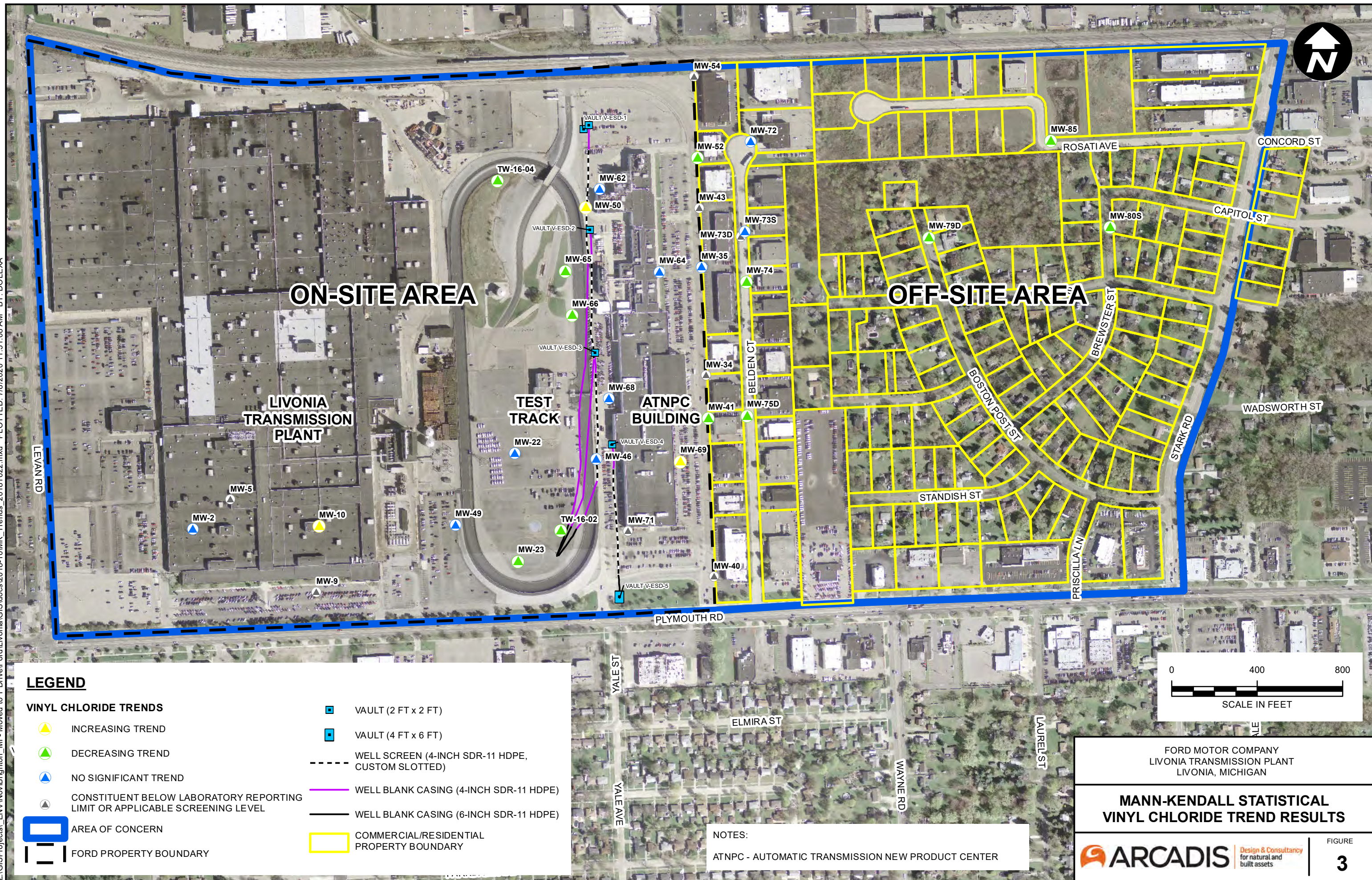
0 400 800
SCALE IN FEET

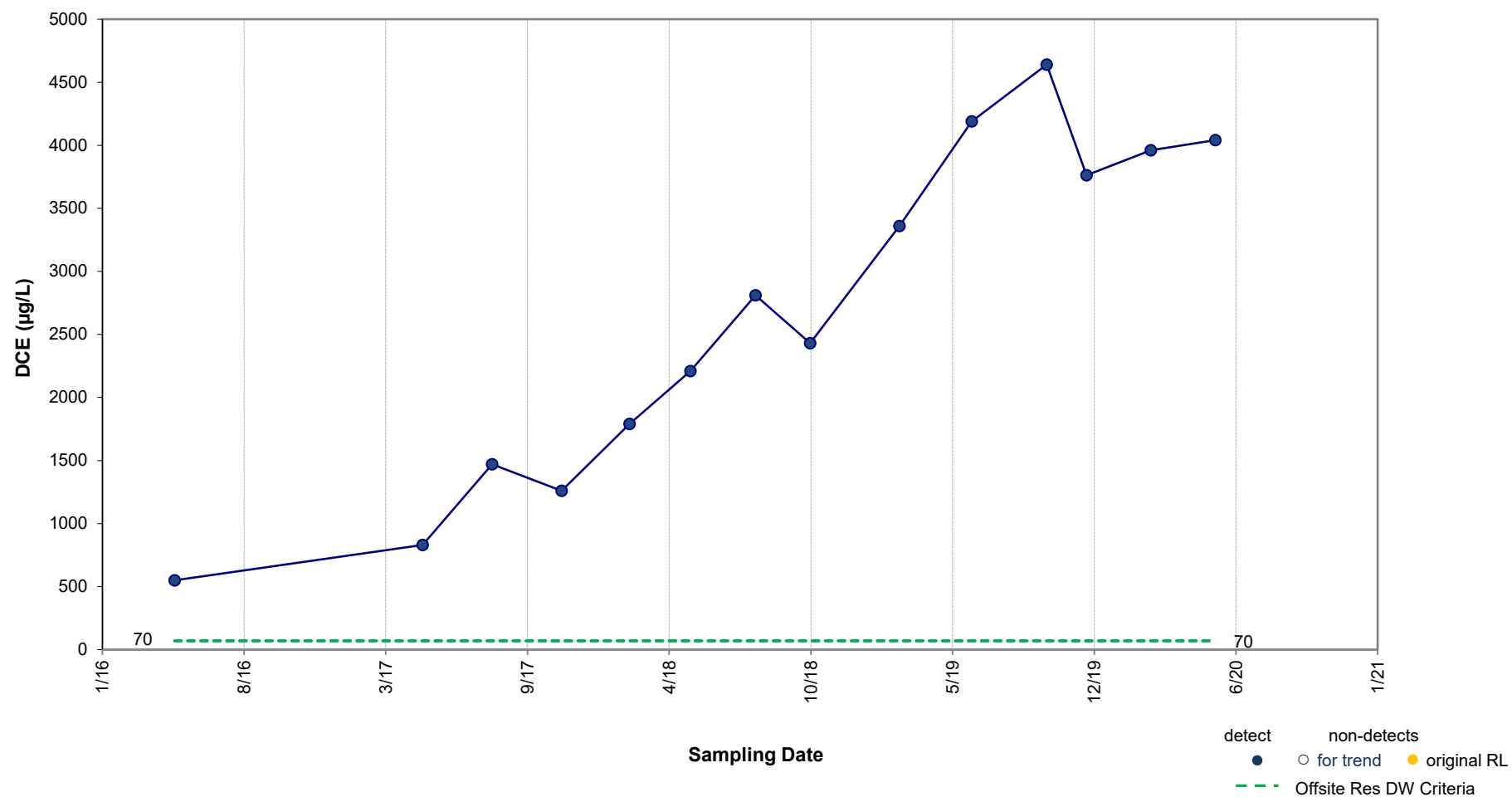
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

MANN-KENDALL STATISTICAL TOTAL DICHLOROETHENE TREND RESULTS

ARCADIS Design & Consultancy
for natural and built assets

FIGURE
2

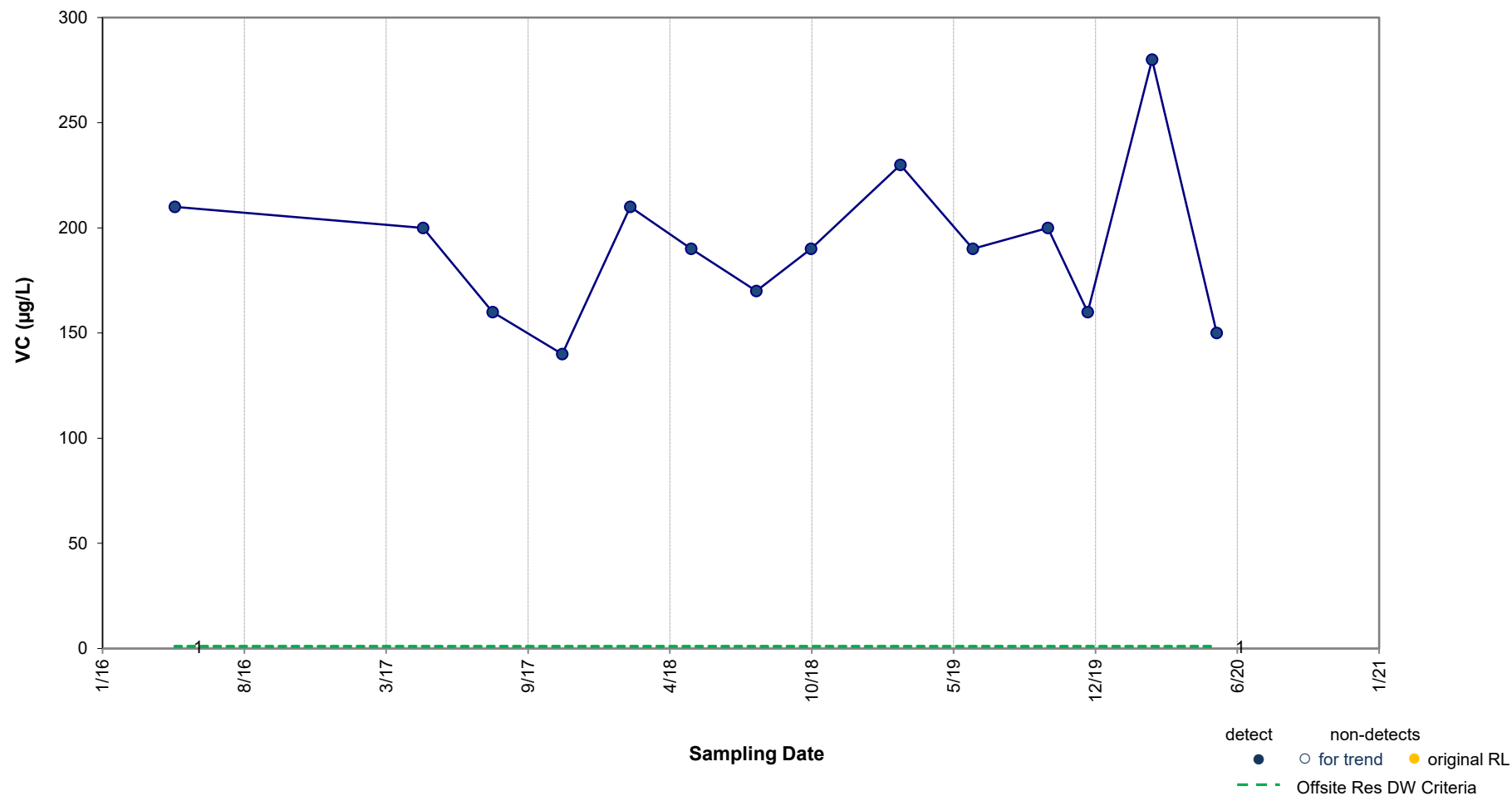




Results of Mann-Kendall Test for Trend:

INCREASING TREND

p value = <0.001 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

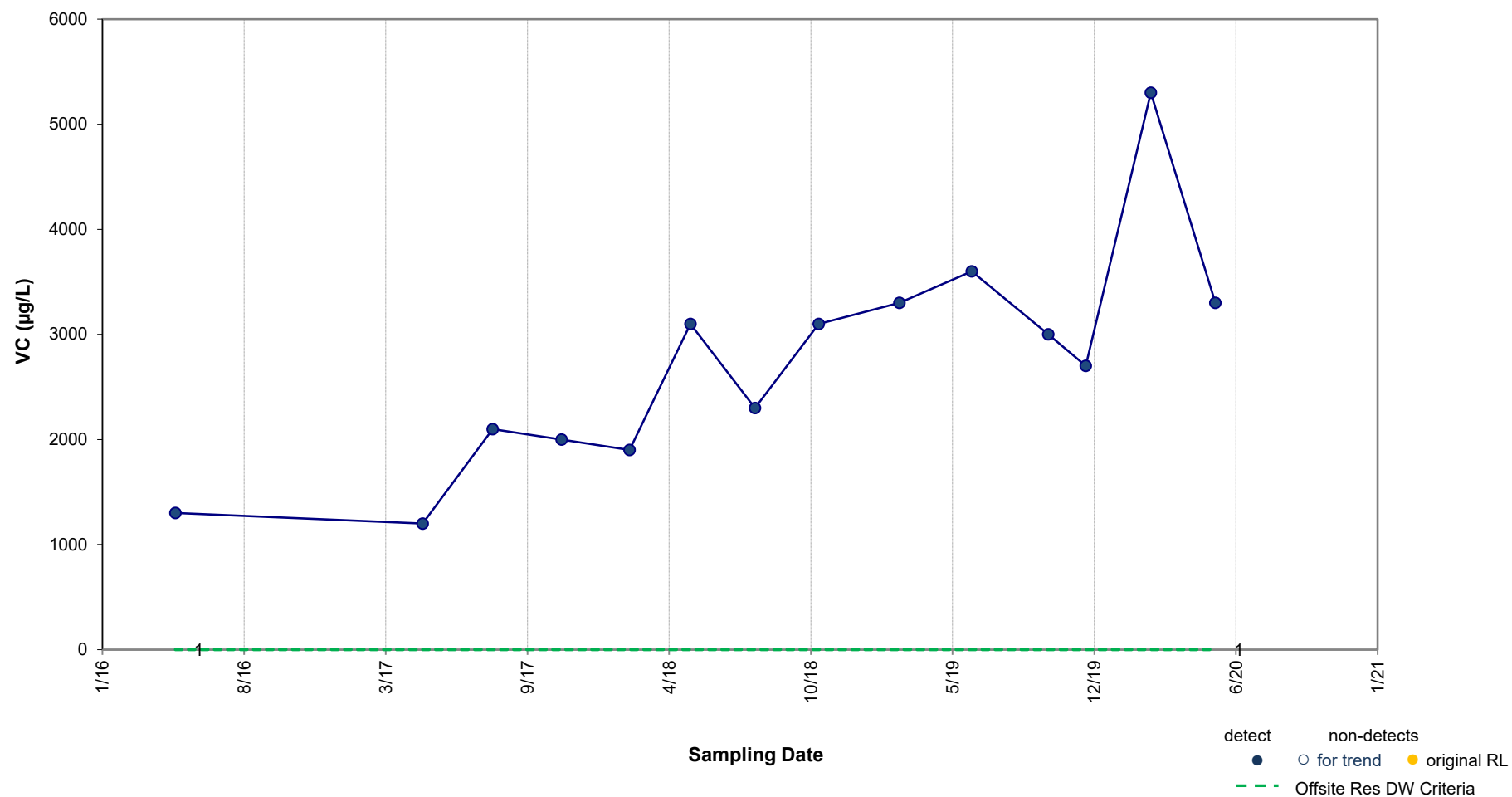


Results of Mann-Kendall Test for Trend:

No Significant Trend

p value = 0.456

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

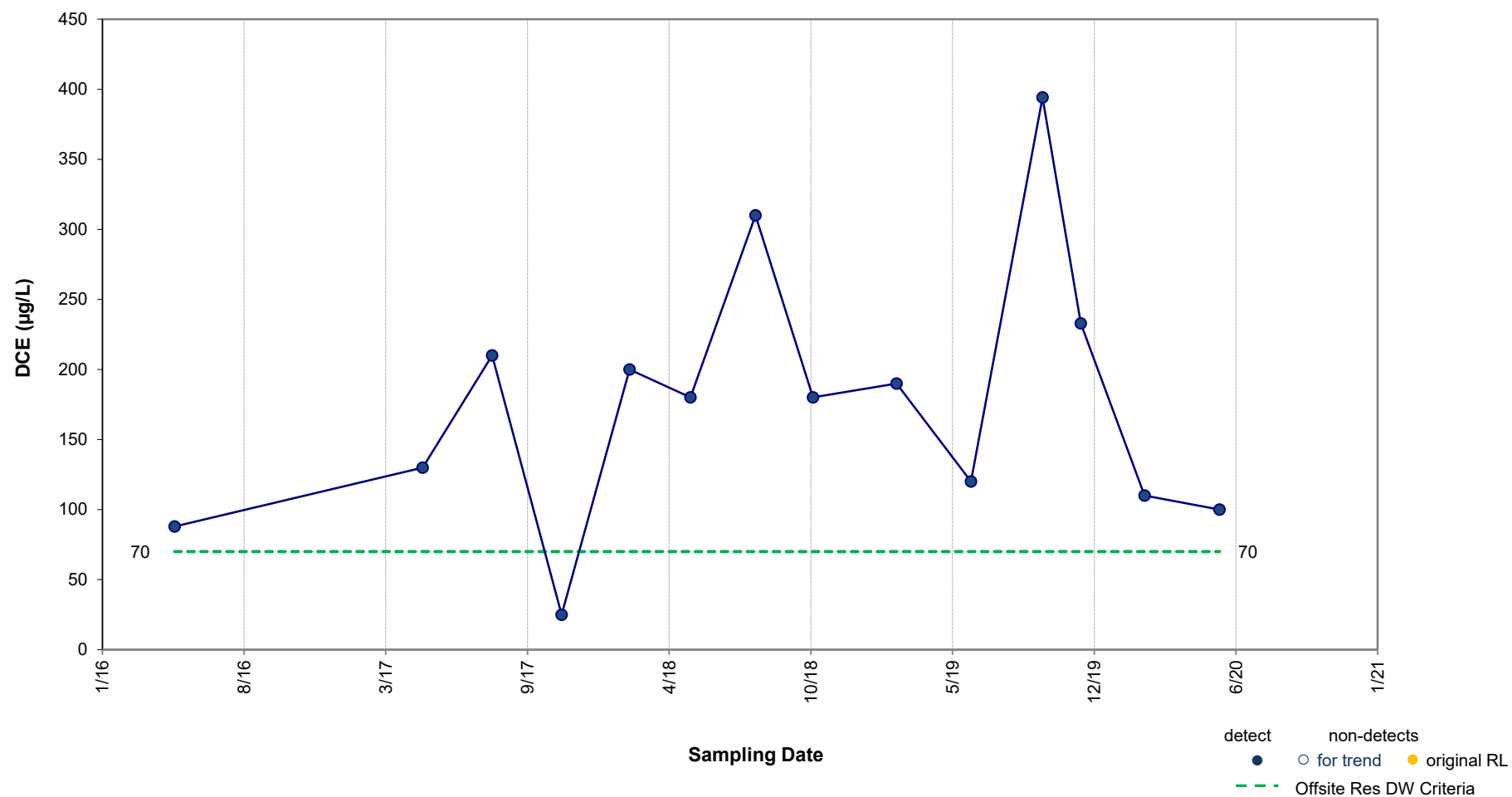


Results of Mann-Kendall Test for Trend:

INCREASING TREND

p value = 0.001

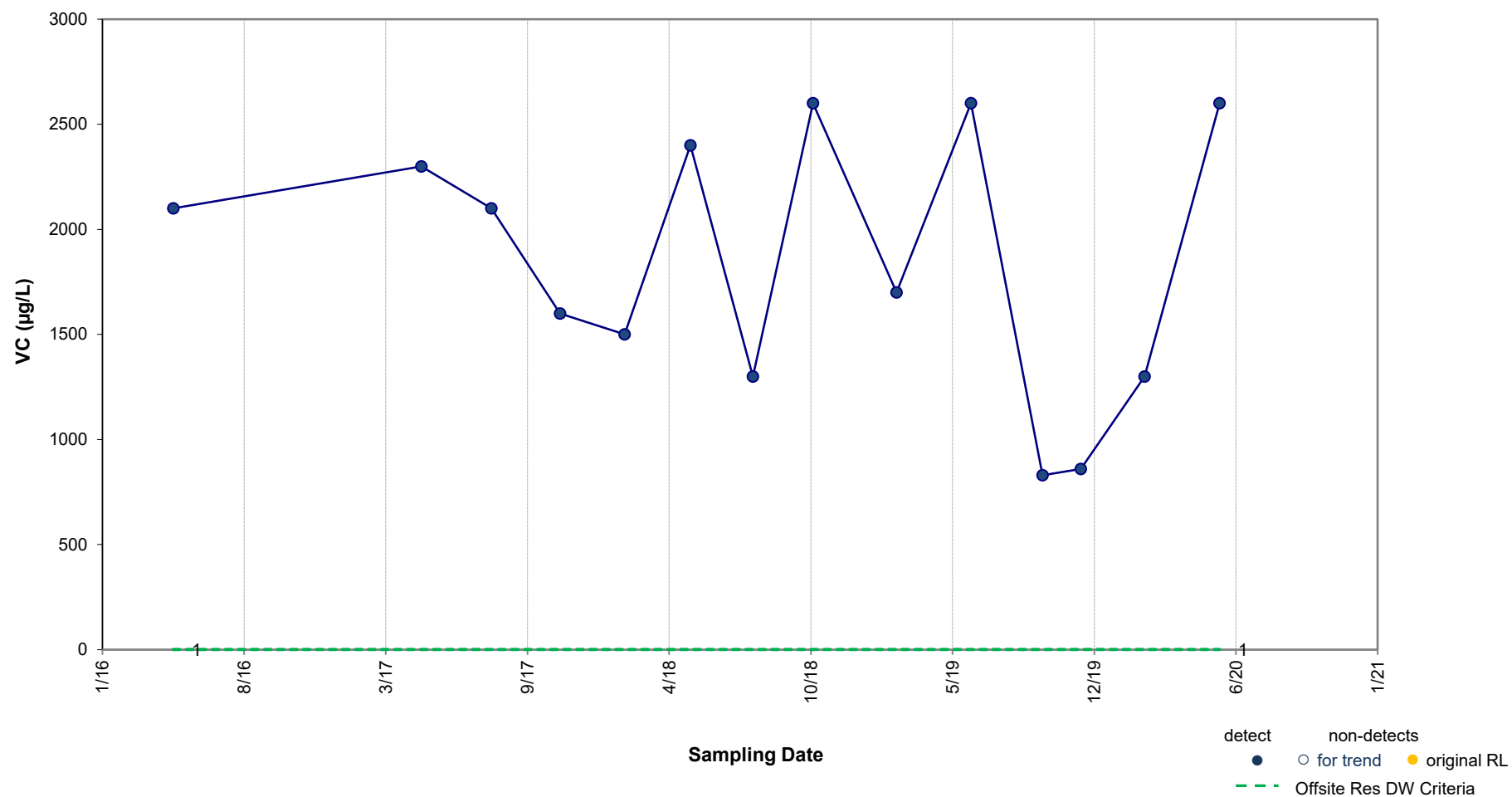
Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).



Results of Mann-Kendall Test for Trend:

No Significant Trend

p value = 0.392 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).



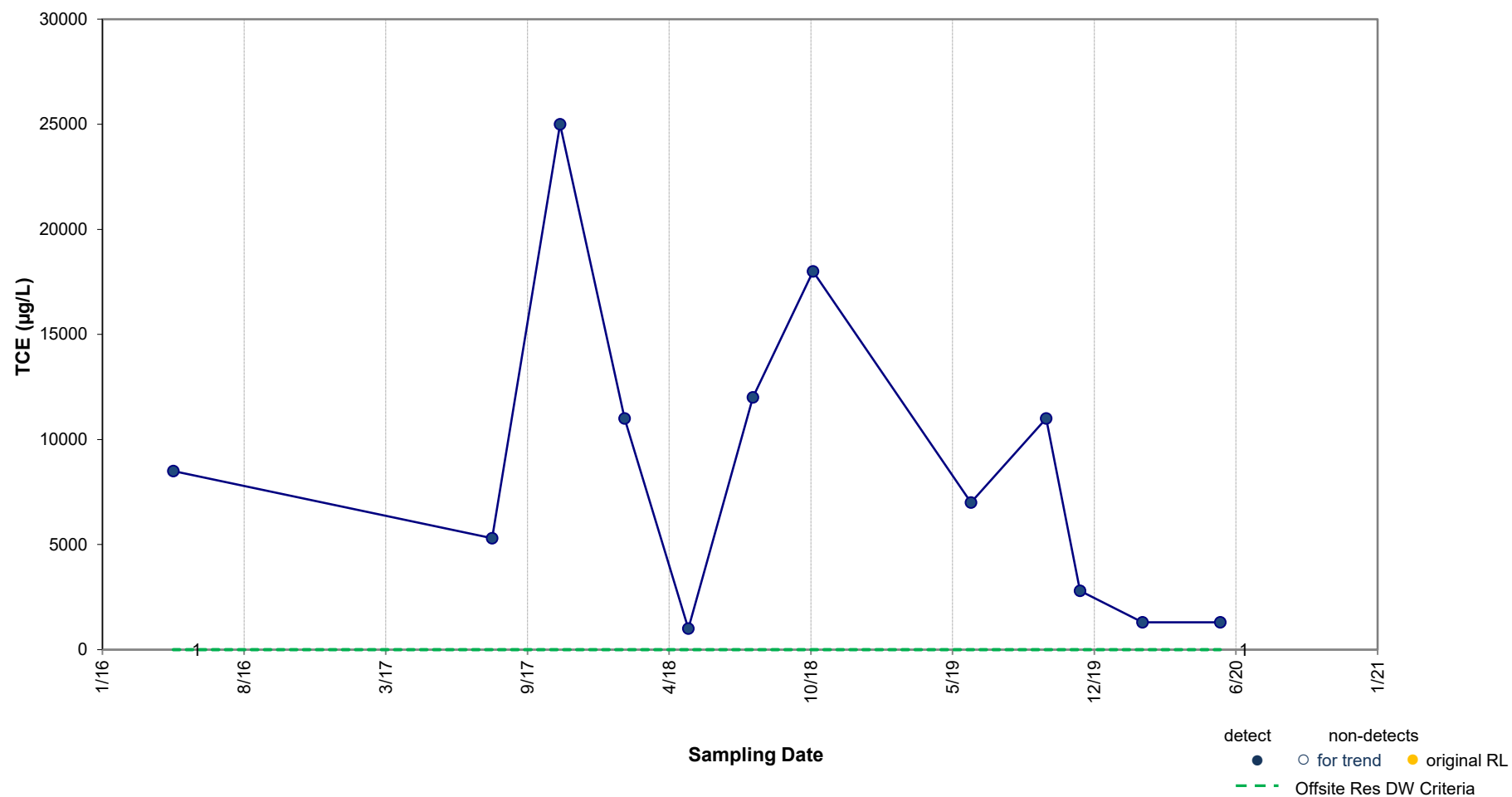
Results of Mann-Kendall Test for Trend:

No Significant Trend

p value =

0.310

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

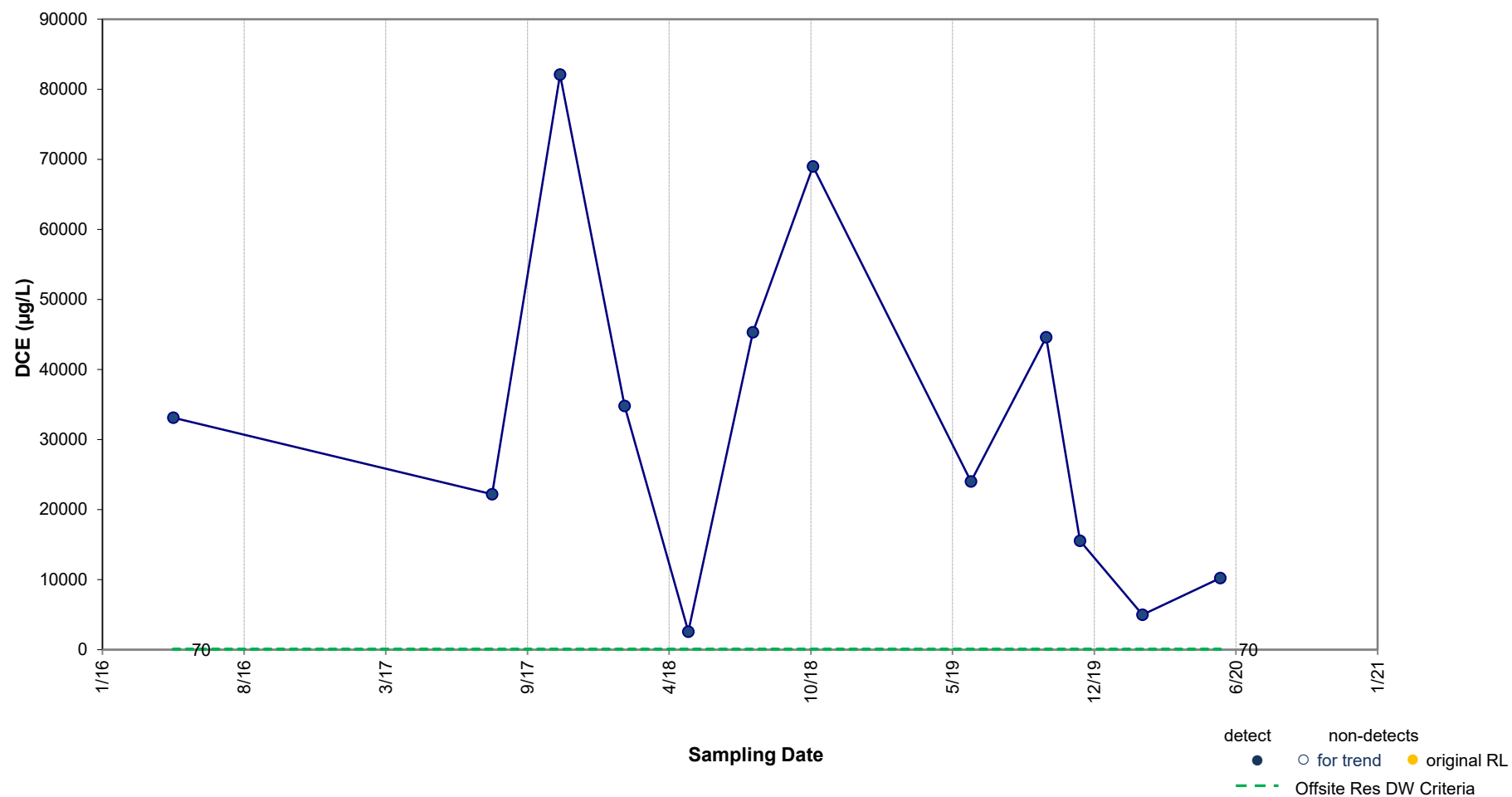


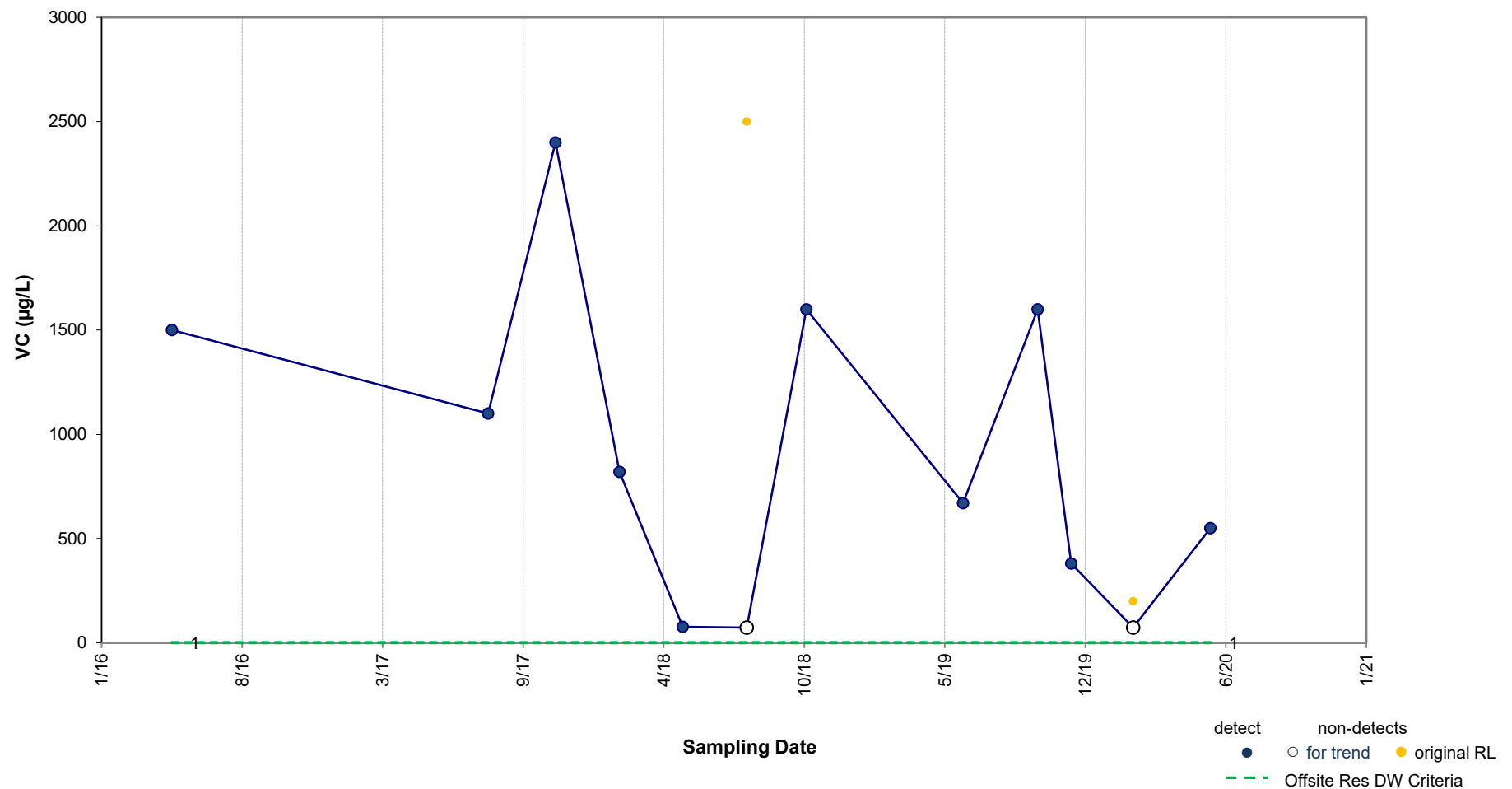
Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = 0.095

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).



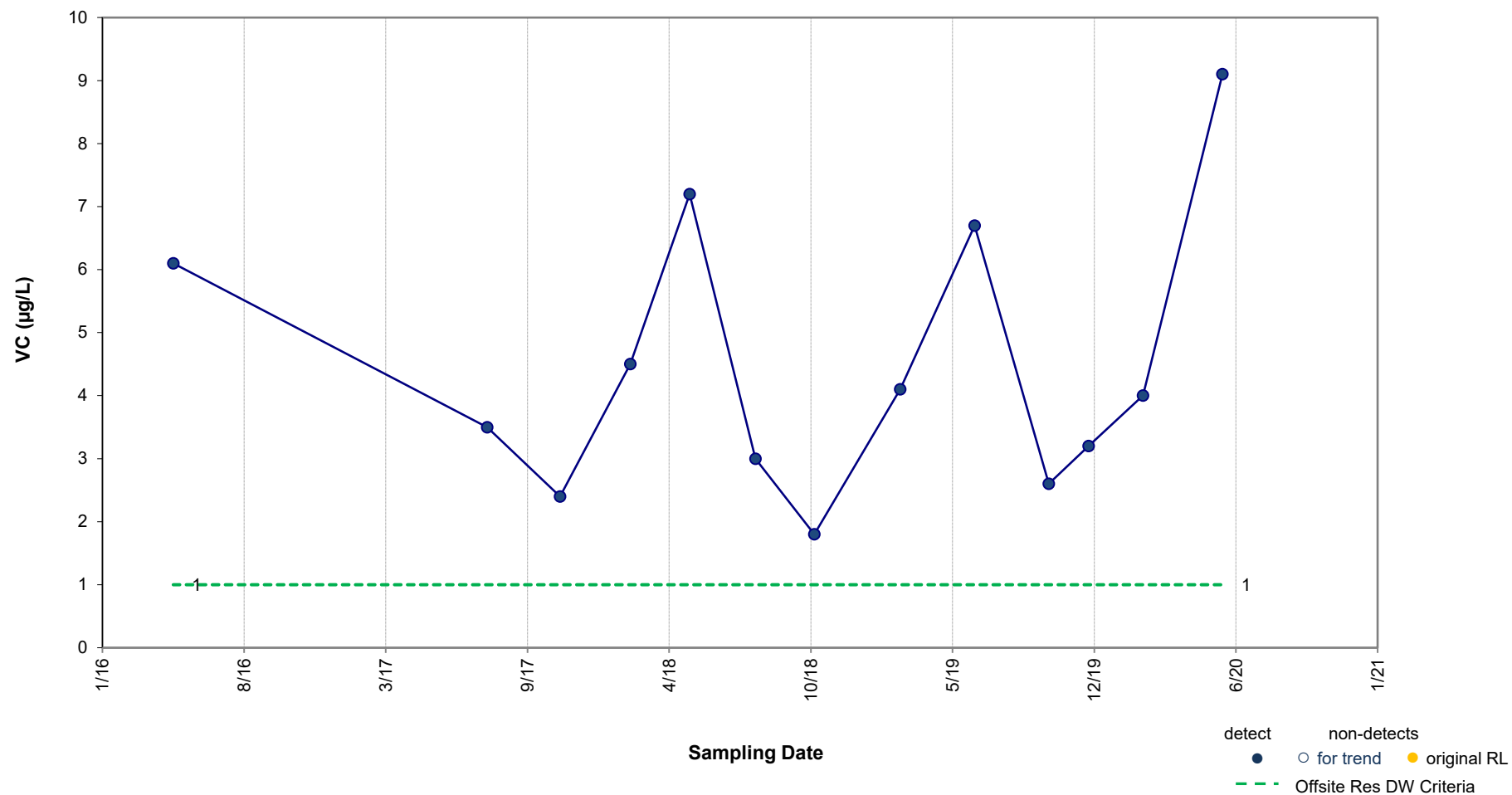


Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = 0.074

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

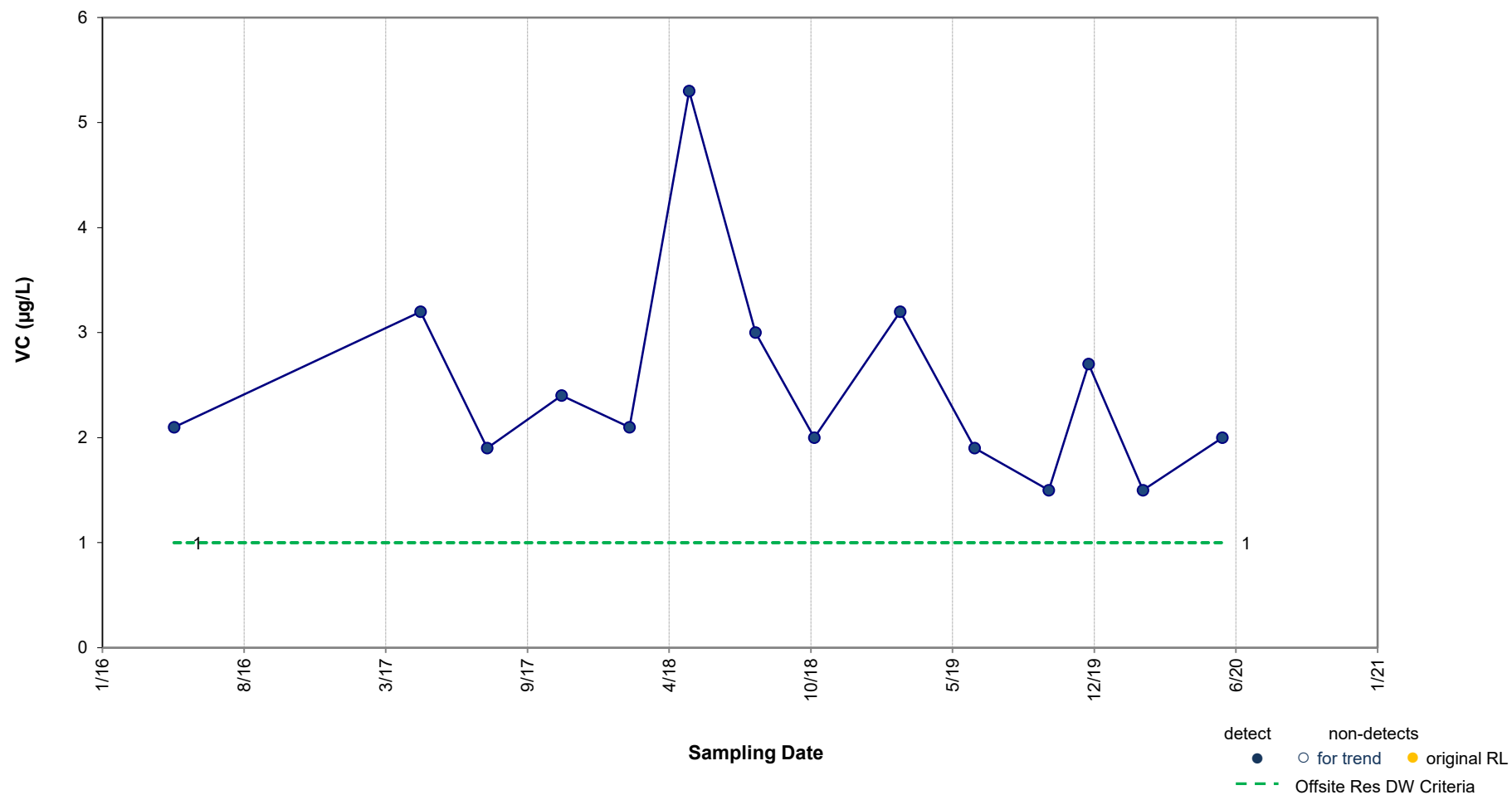


Results of Mann-Kendall Test for Trend:

No Significant Trend

p value = 0.380

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

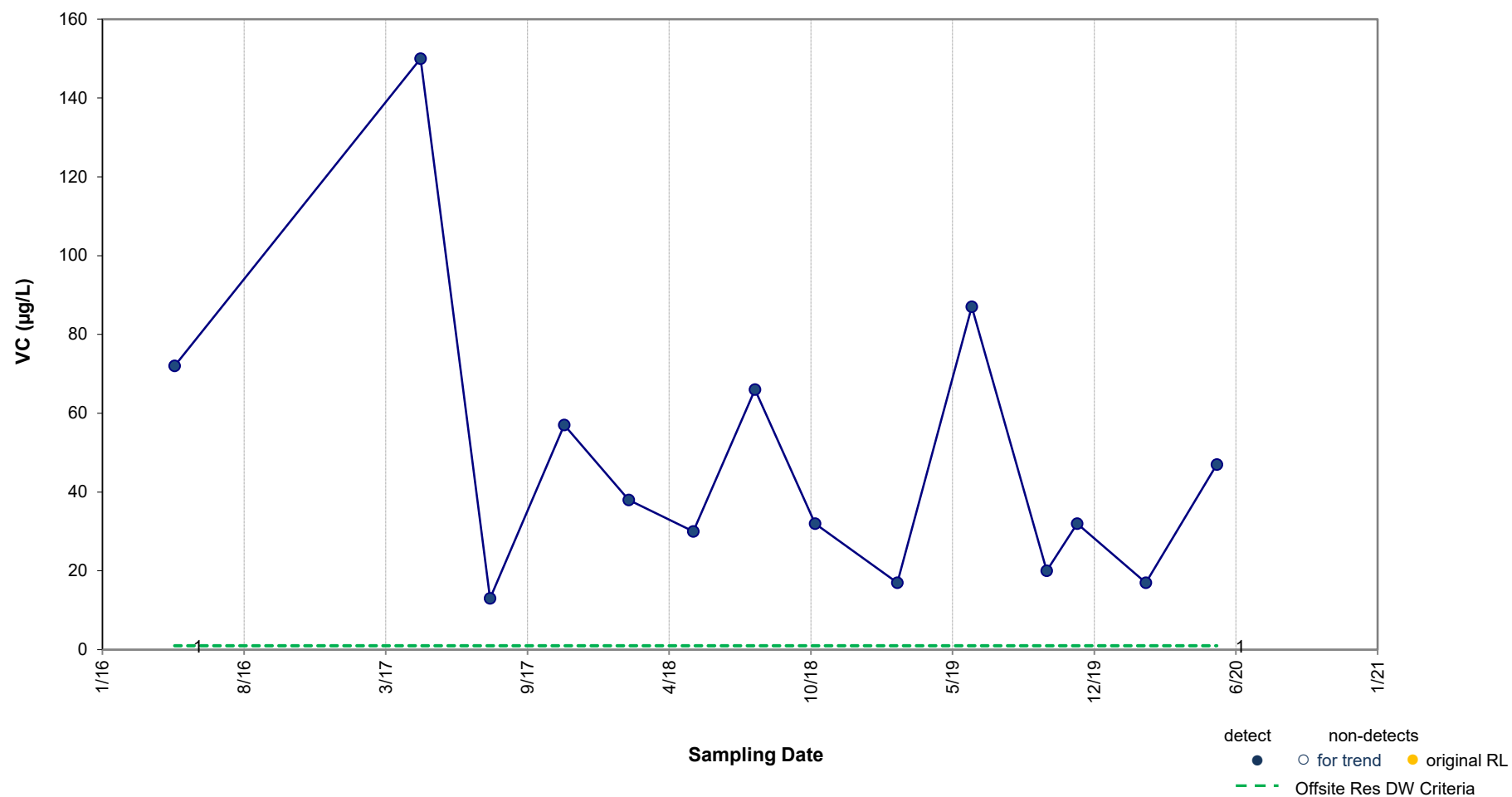


Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = 0.10

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

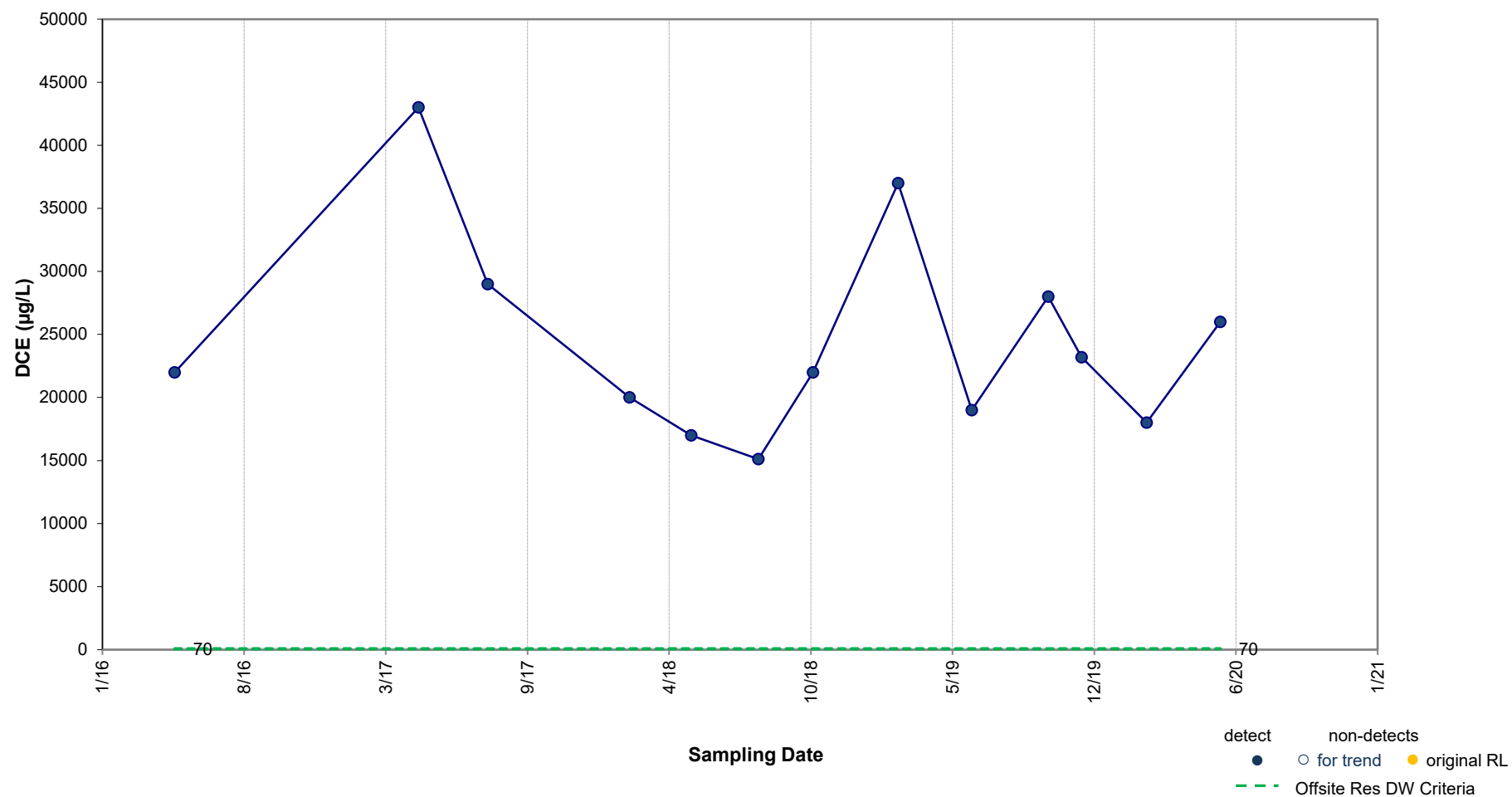


Results of Mann-Kendall Test for Trend:

No Significant Trend

p value = 0.136

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).



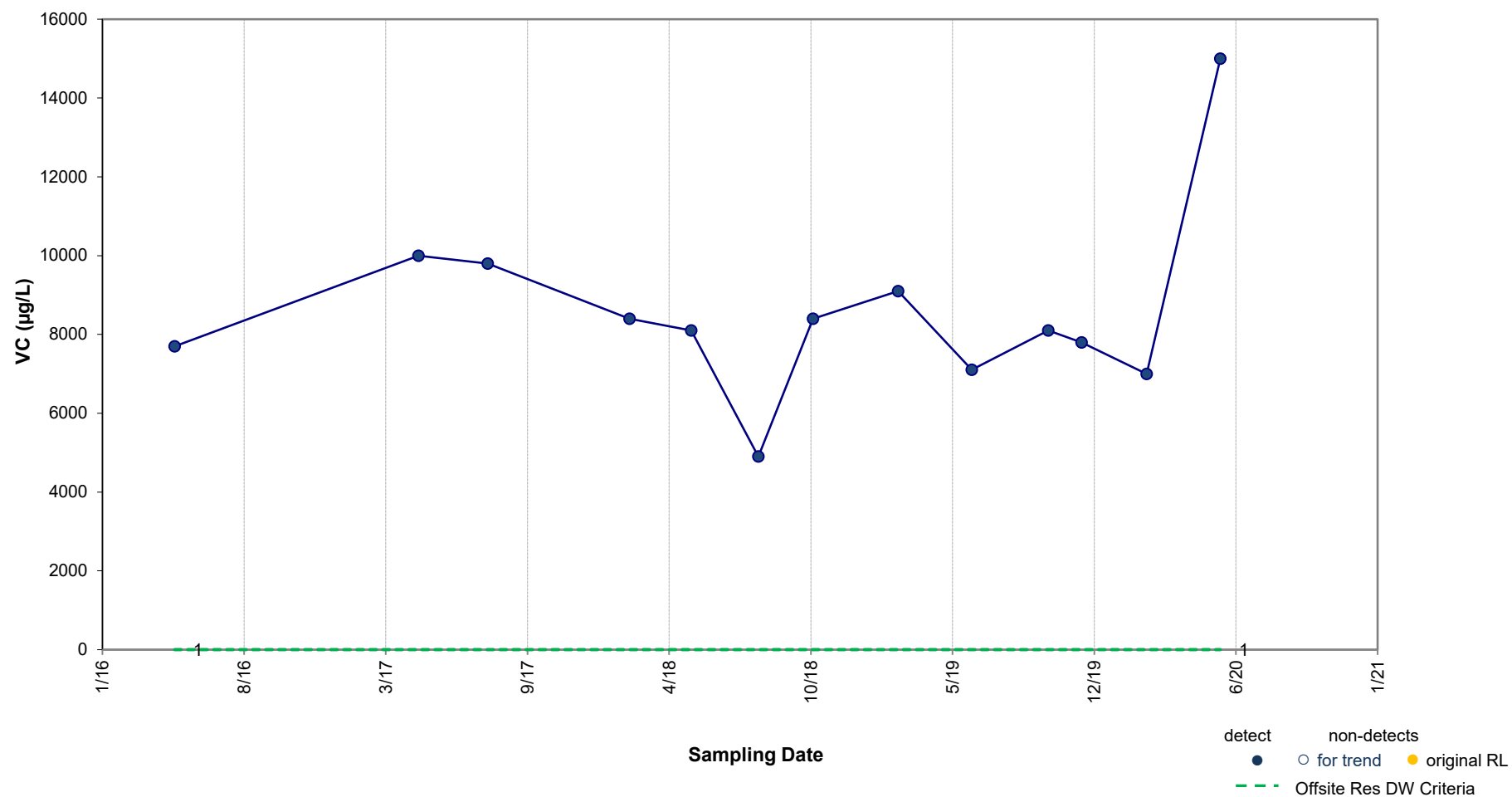
Results of Mann-Kendall Test for Trend:

No Significant Trend

p value =

0.357

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).



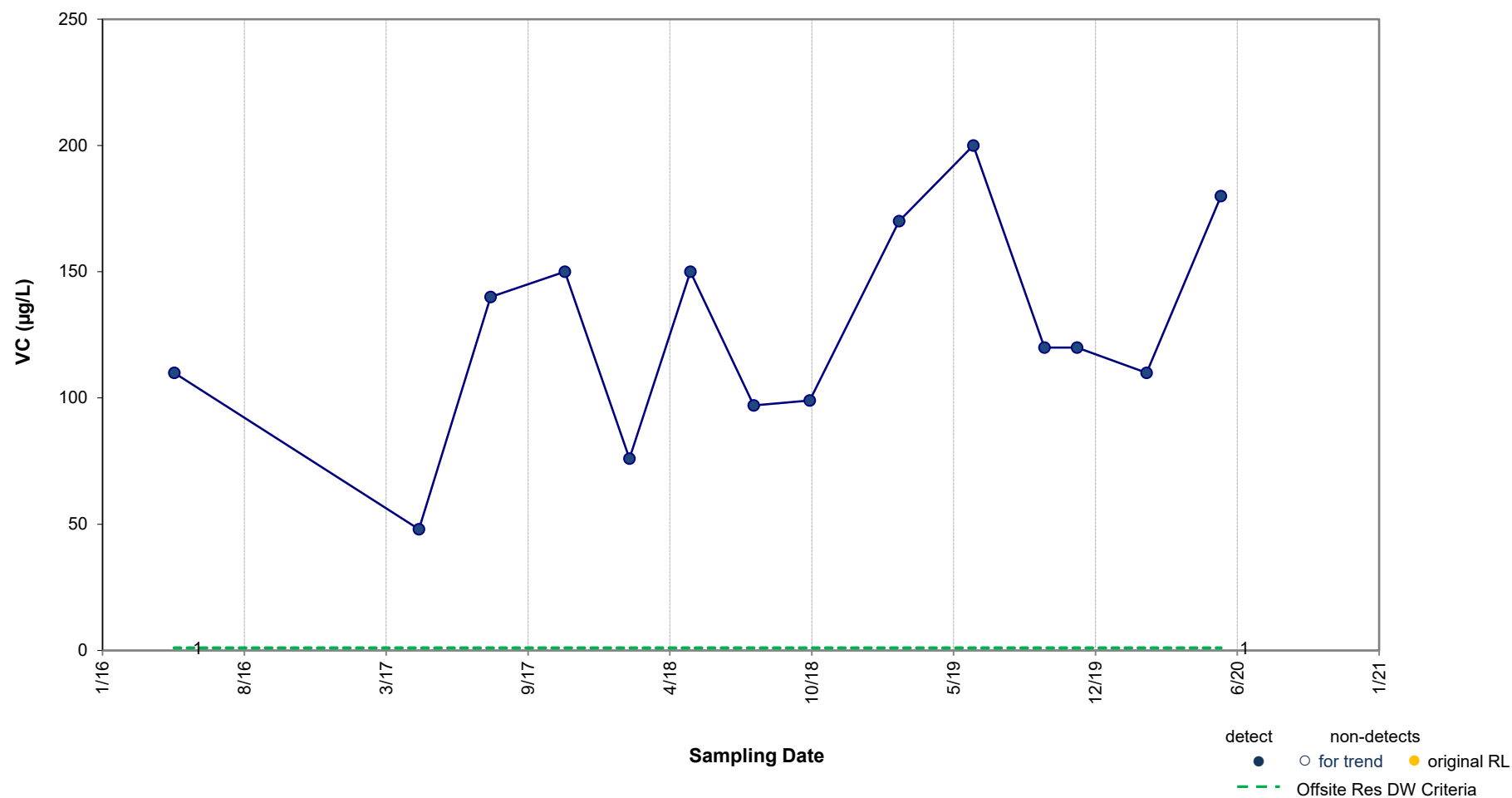
Results of Mann-Kendall Test for Trend:

No Significant Trend

p value =

0.250

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

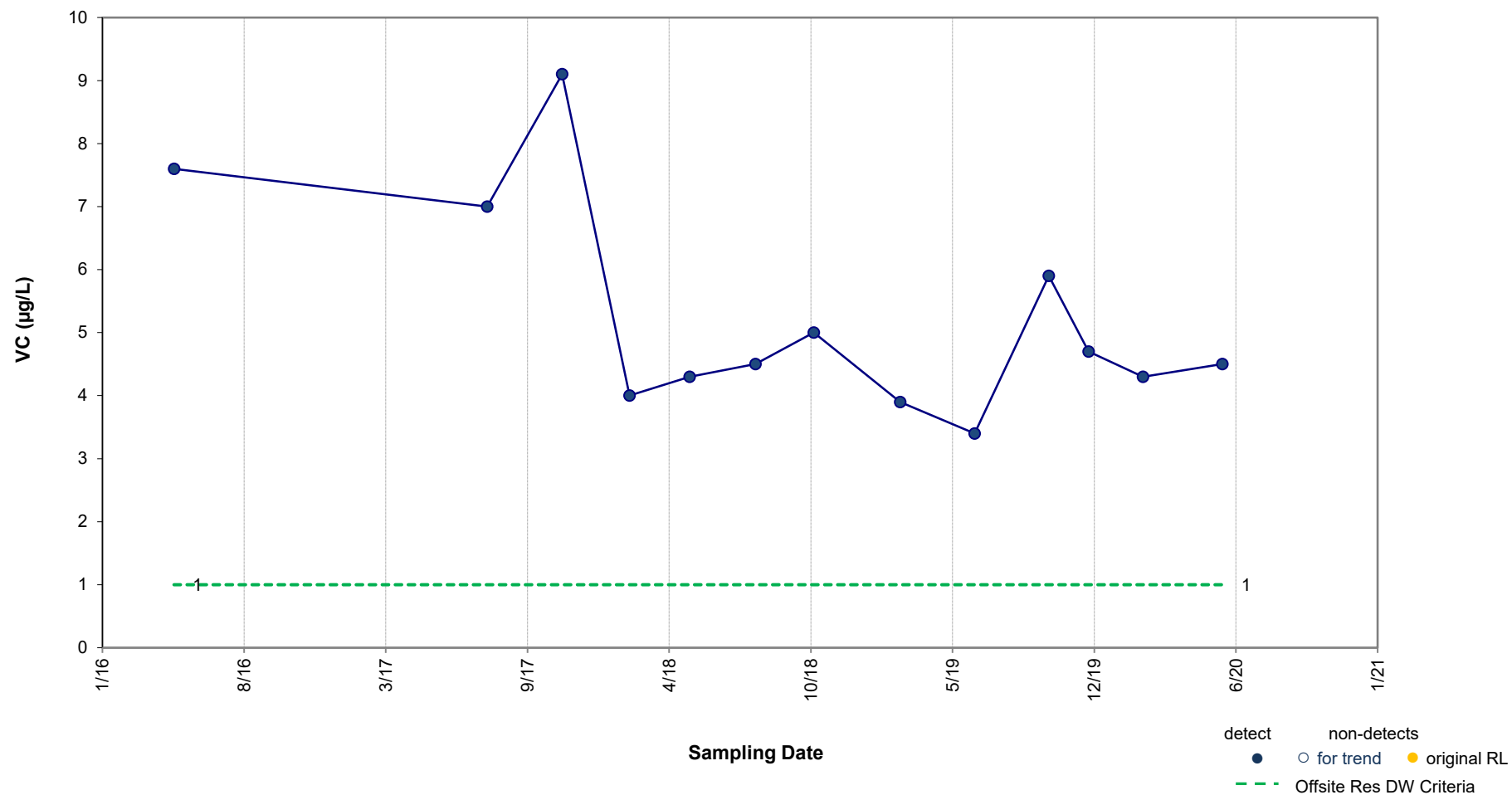


Results of Mann-Kendall Test for Trend:

INCREASING TREND

p value = 0.069

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

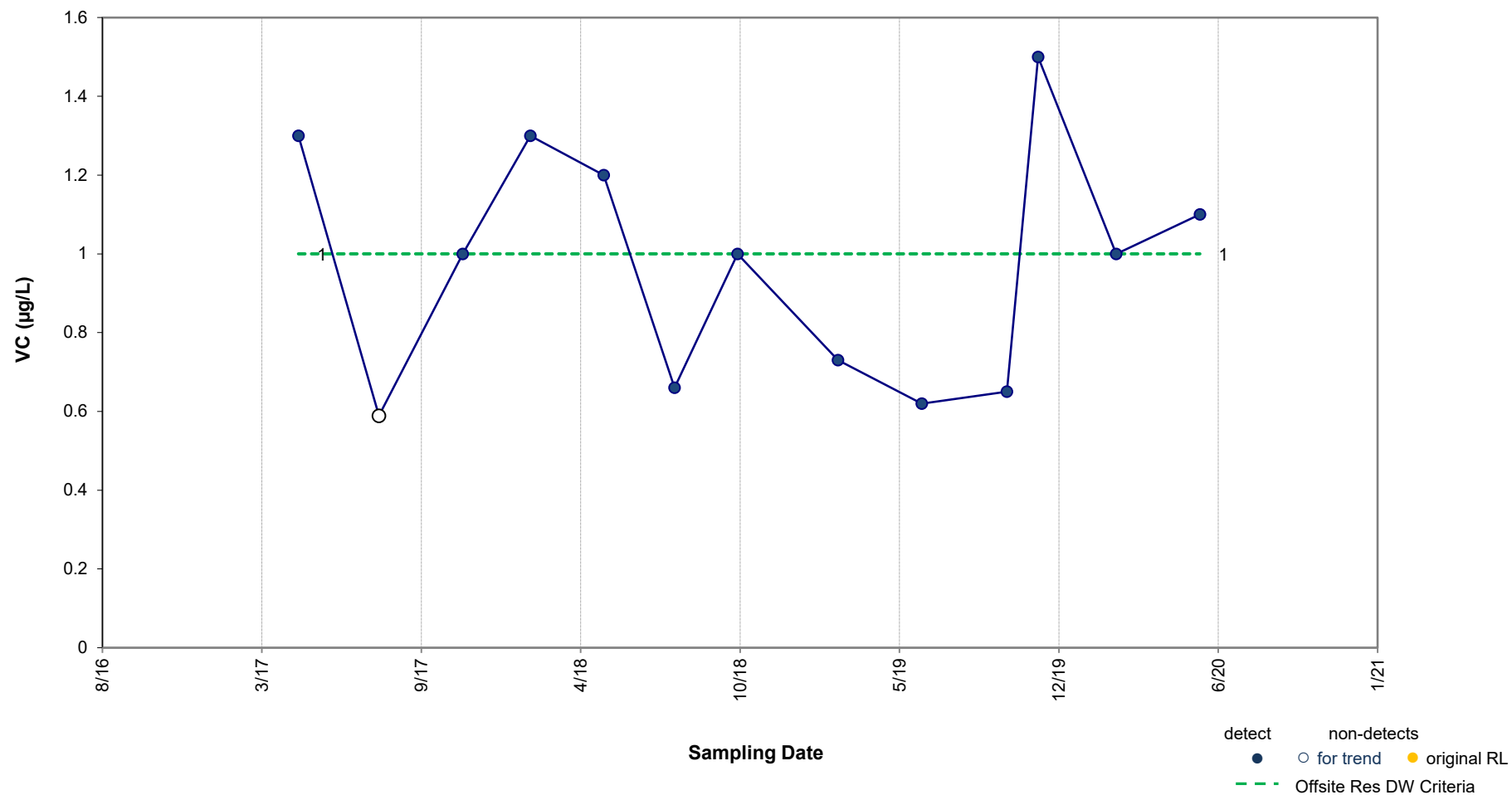


Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = 0.099

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

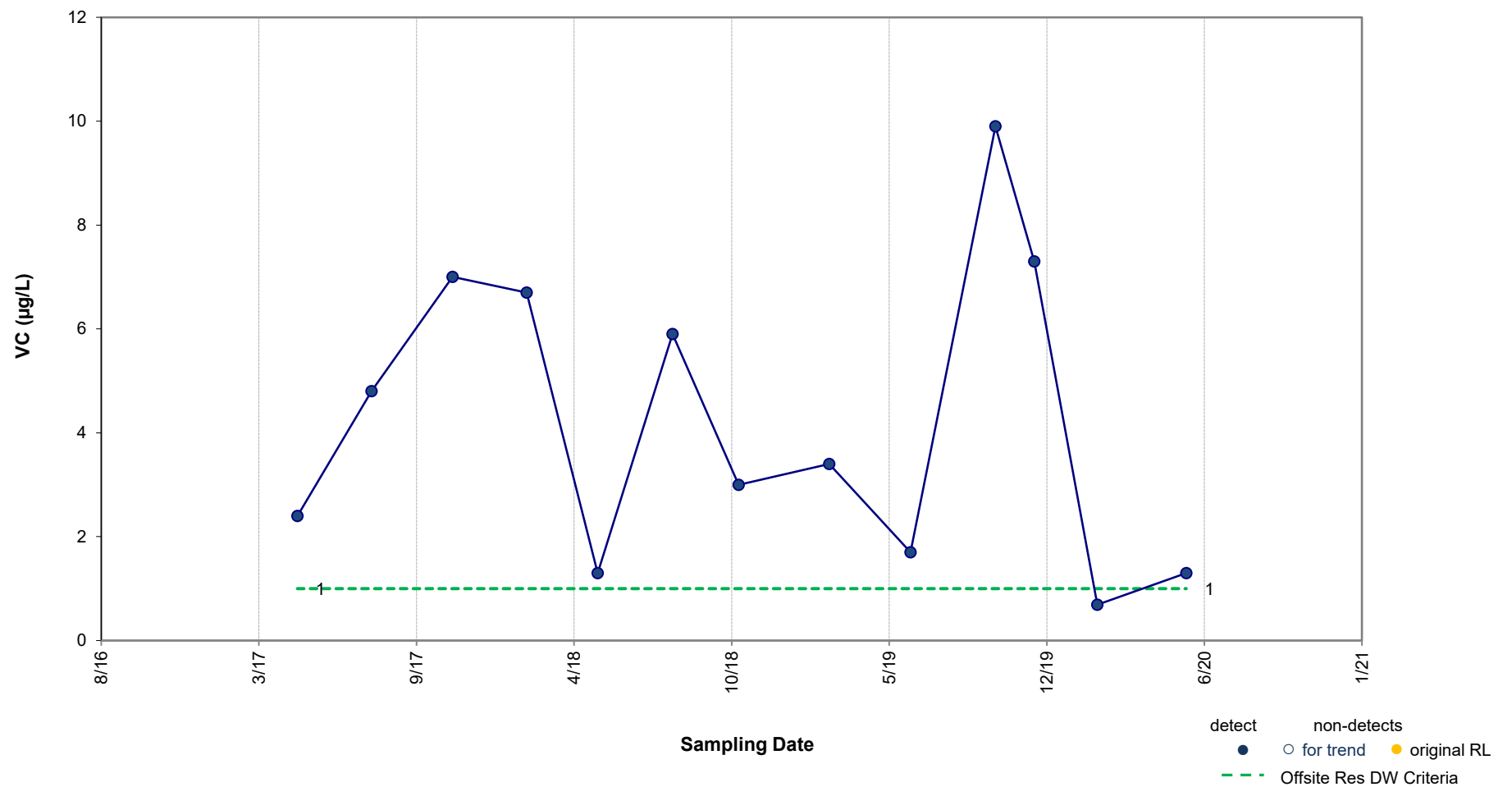


Results of Mann-Kendall Test for Trend:

No Significant Trend

p value = 0.475

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

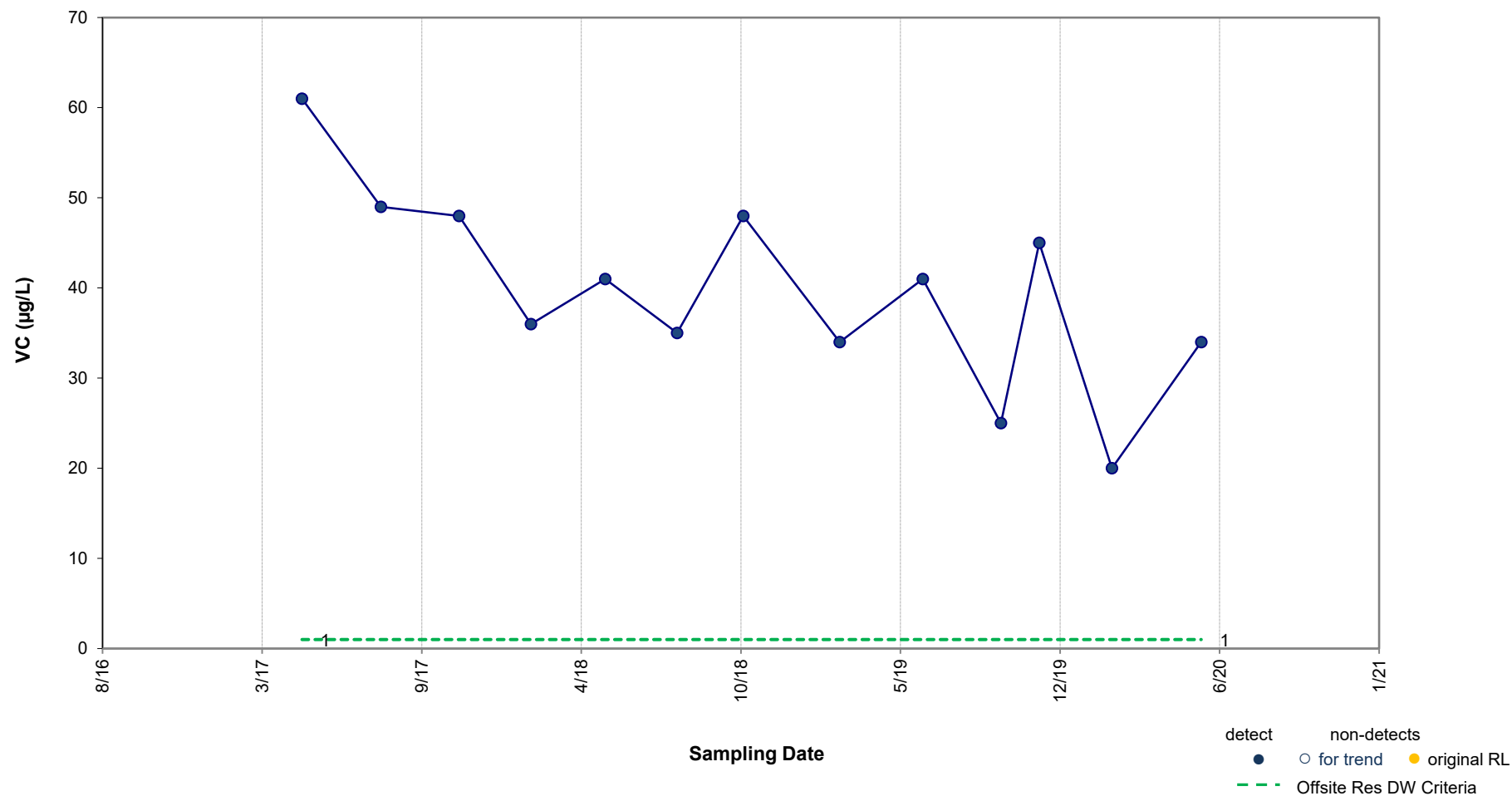


Results of Mann-Kendall Test for Trend:

No Significant Trend

p value = 0.271

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

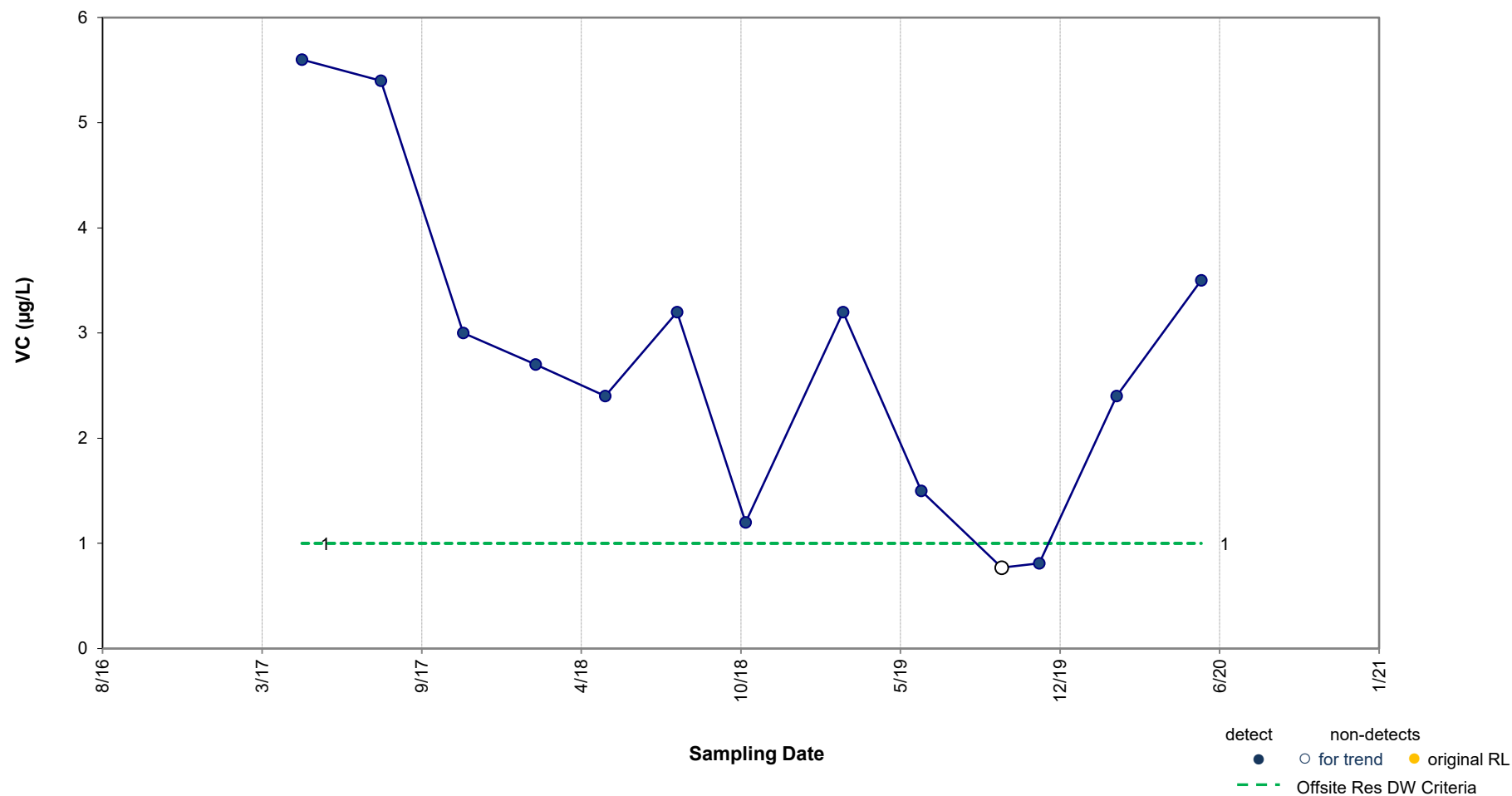


Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = 0.003

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

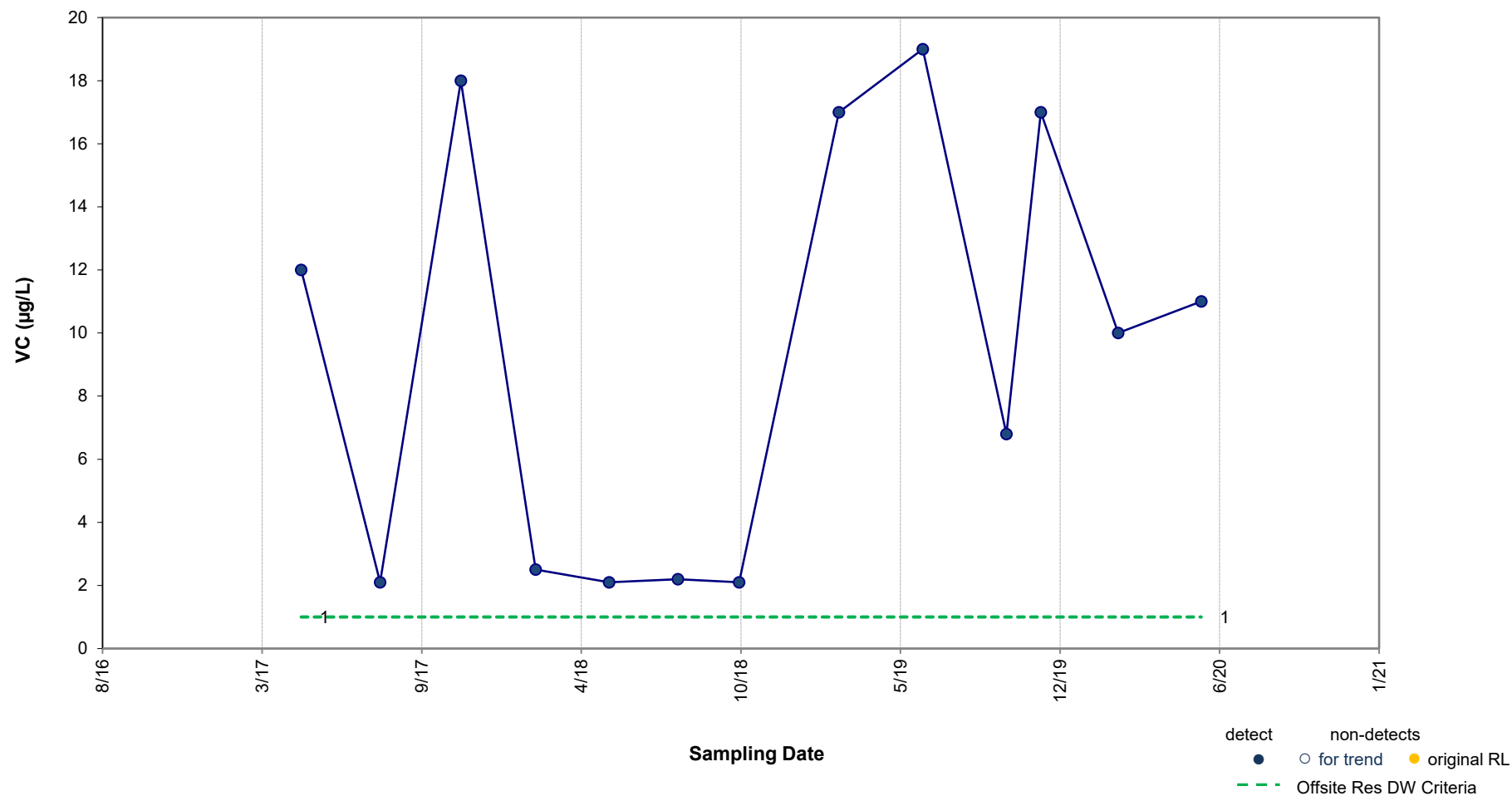


Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = 0.038

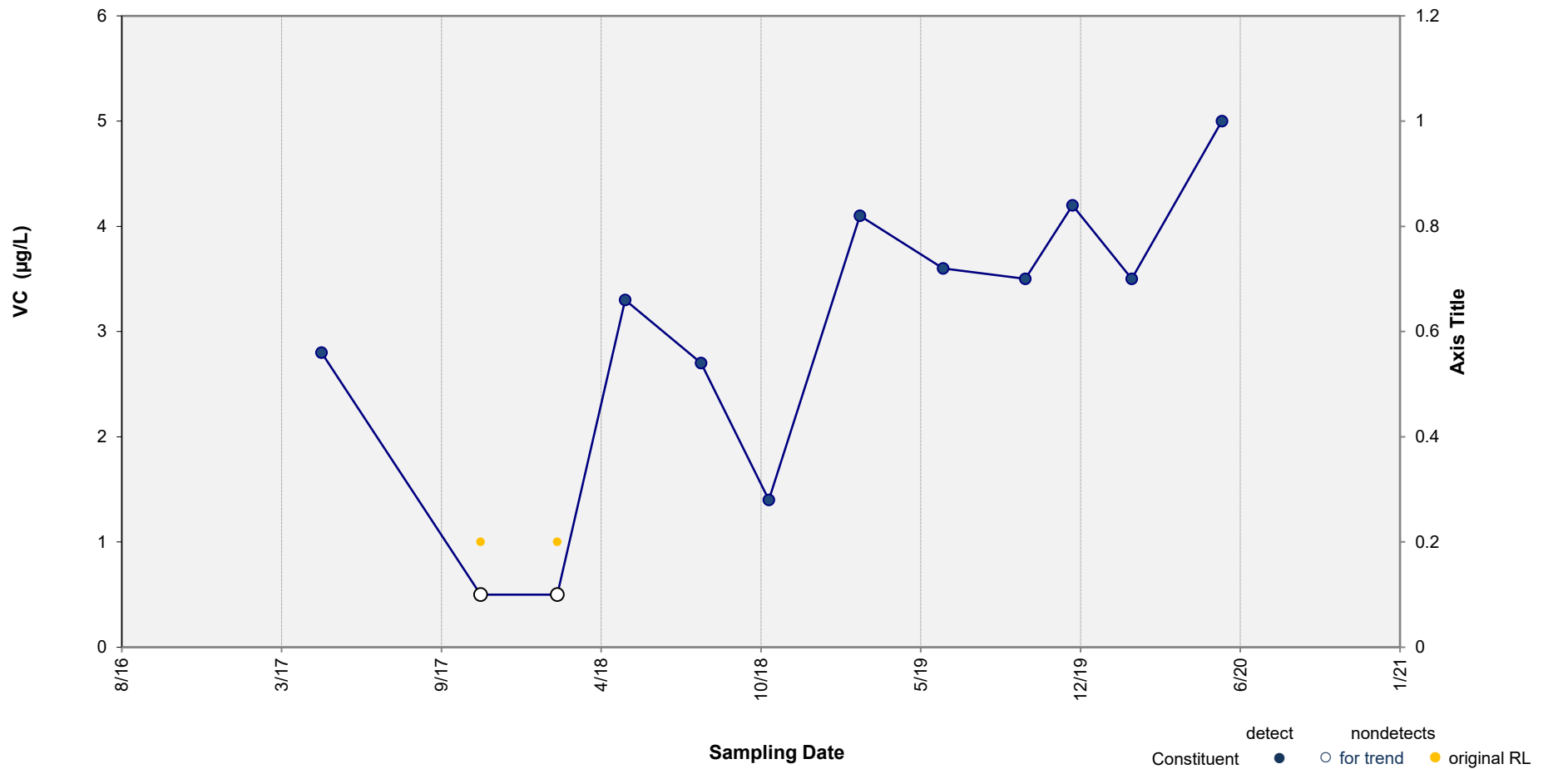
Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).



Results of Mann-Kendall Test for Trend:

No Significant Trend

p value = 0.212 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).



Results of Mann-Kendall Test for Trend:

INCREASING TREND

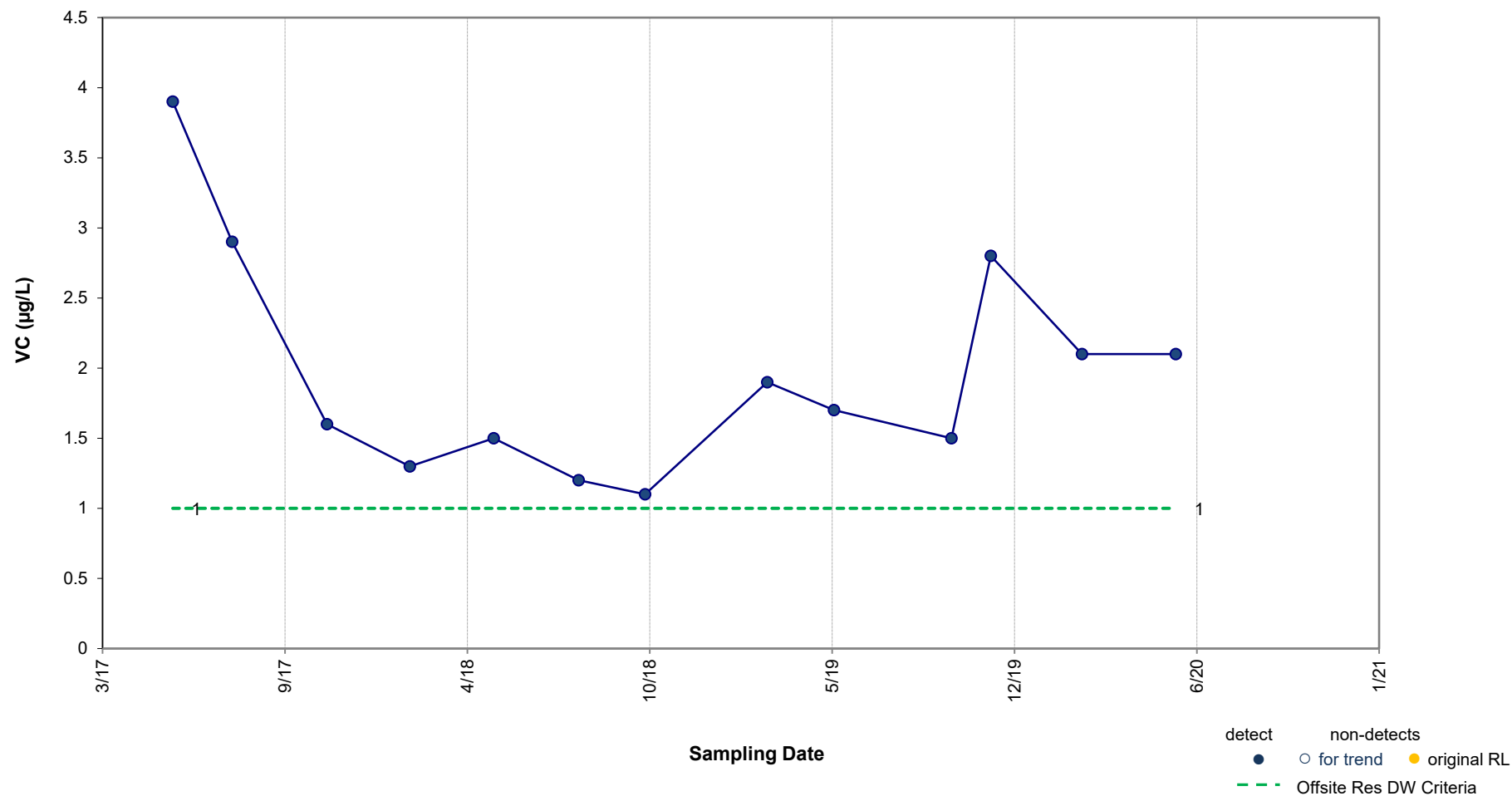
p value = 0.005

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).



Concentration vs. Time Plot - VC in MW-69
Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 24

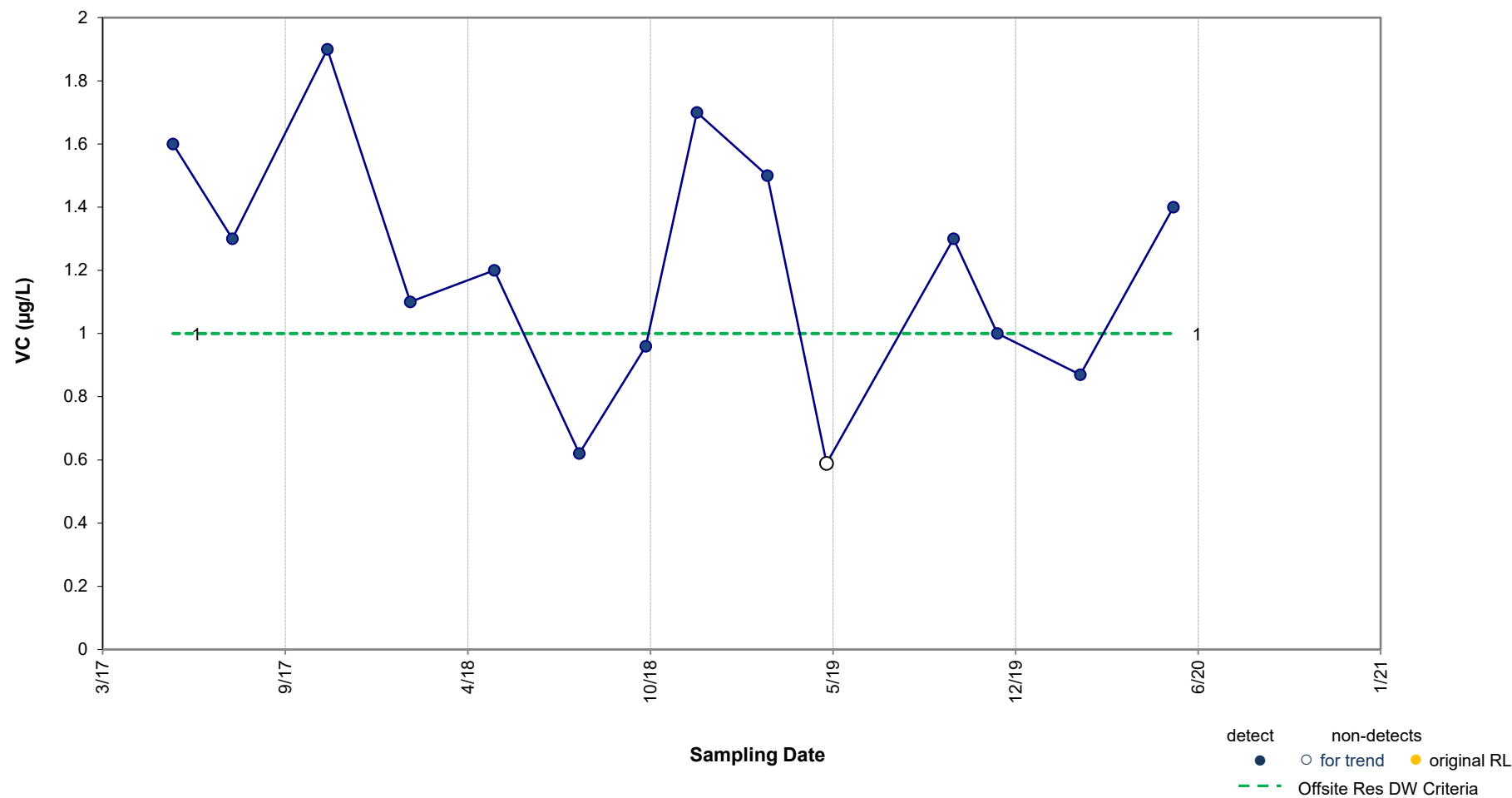


Results of Mann-Kendall Test for Trend:

No Significant Trend

p value = 0.524

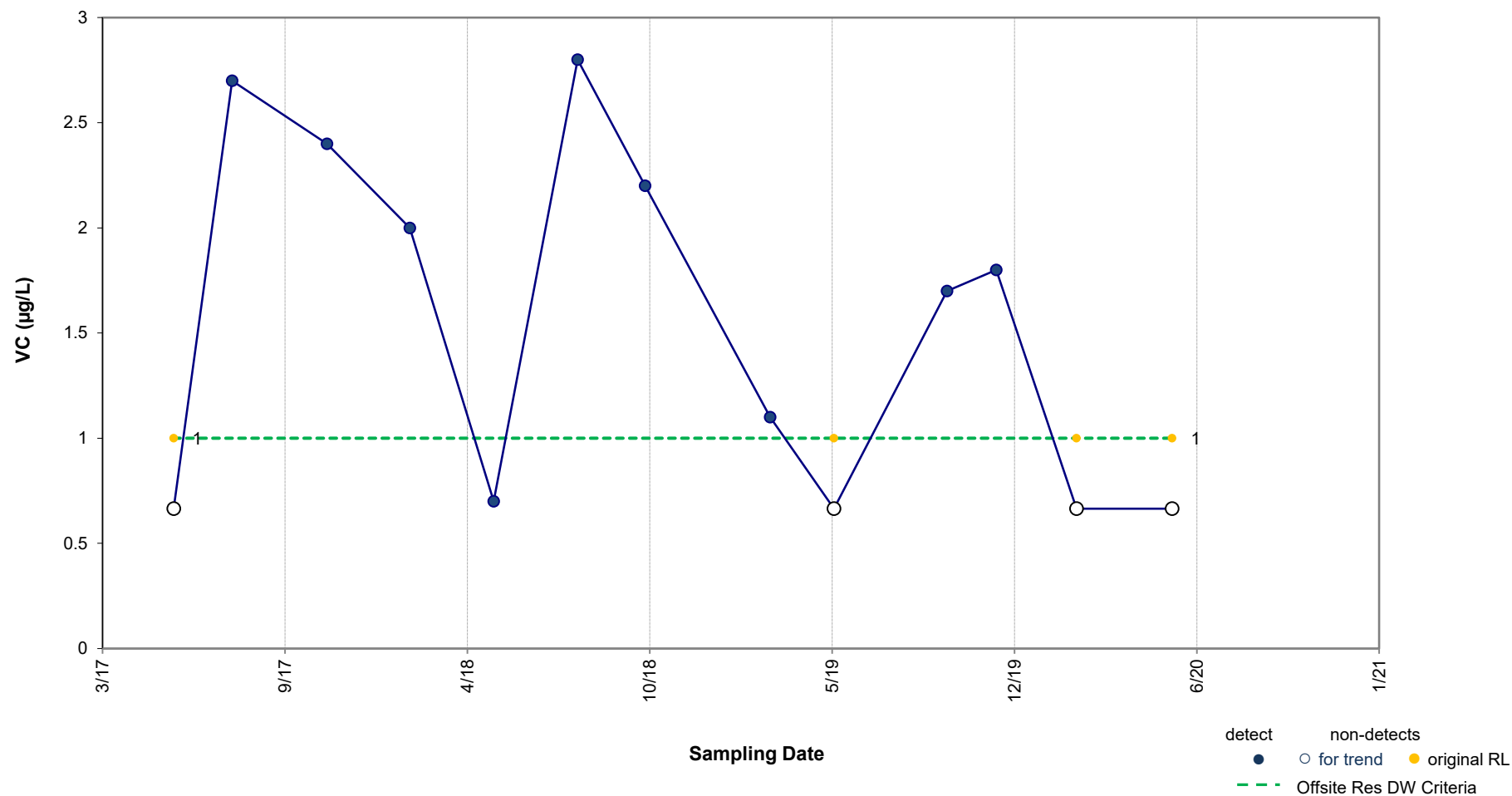
Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).



Results of Mann-Kendall Test for Trend:

No Significant Trend

p value = 0.125 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

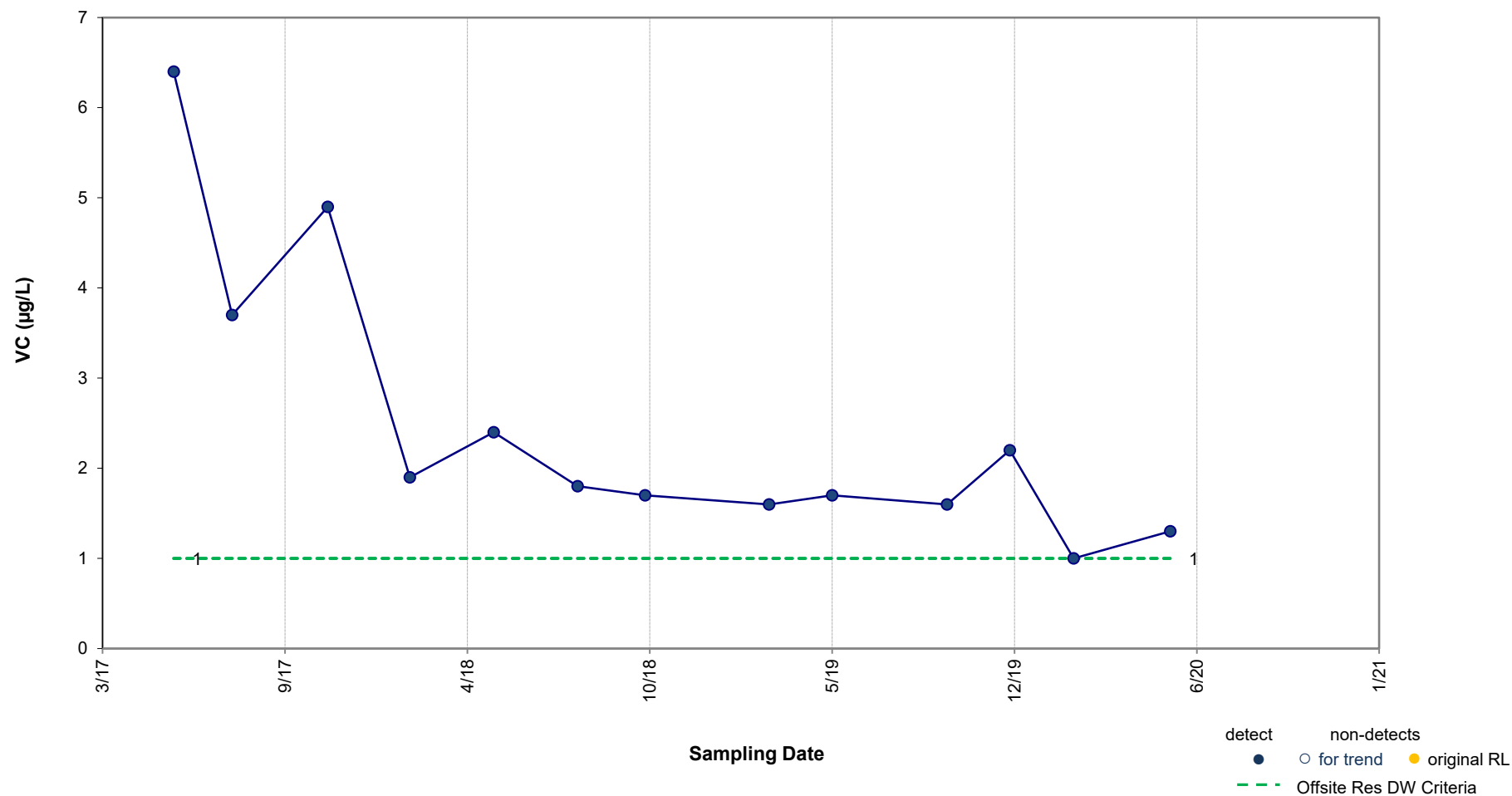


Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = 0.061

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

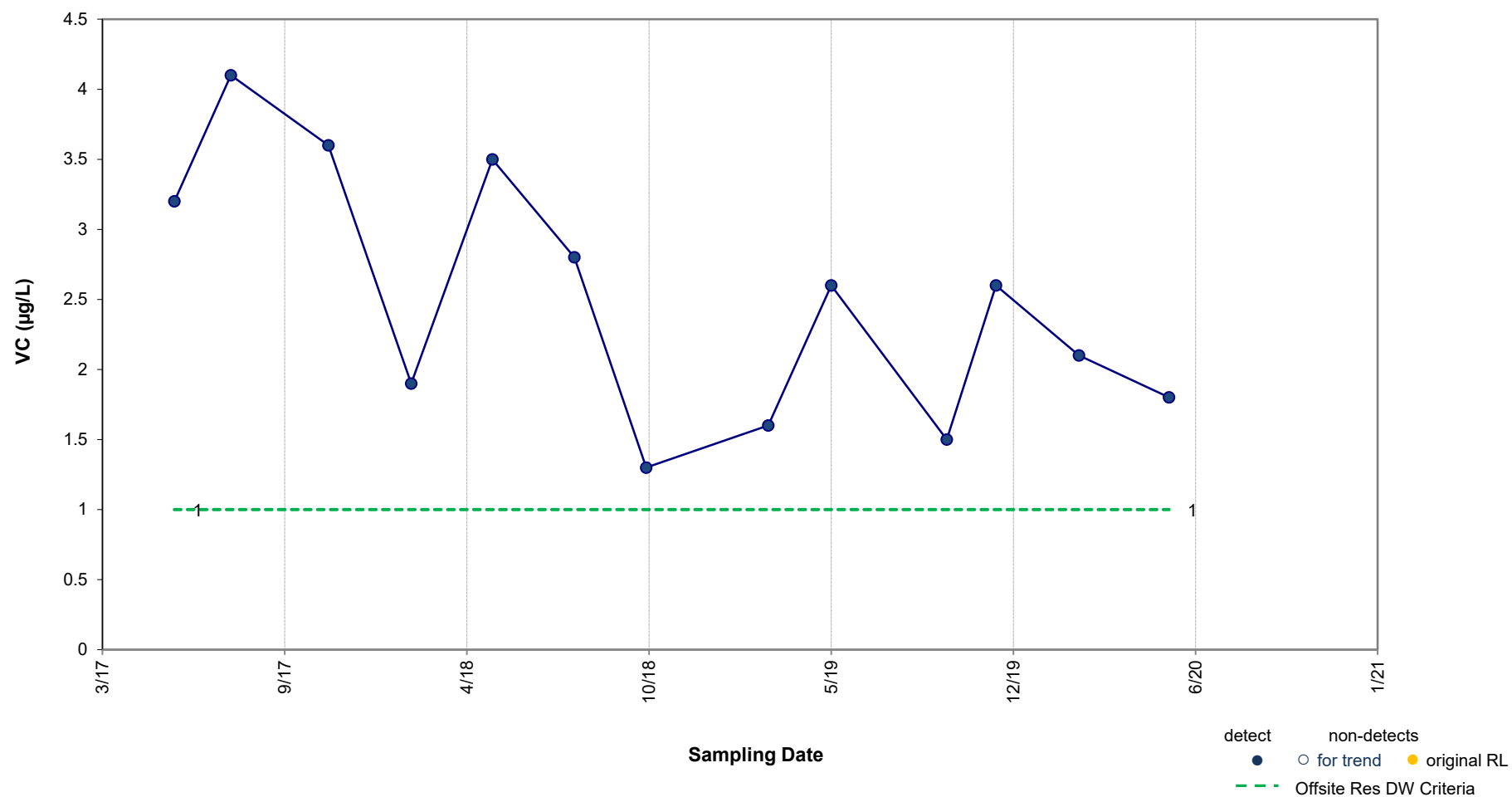


Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = <0.001

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

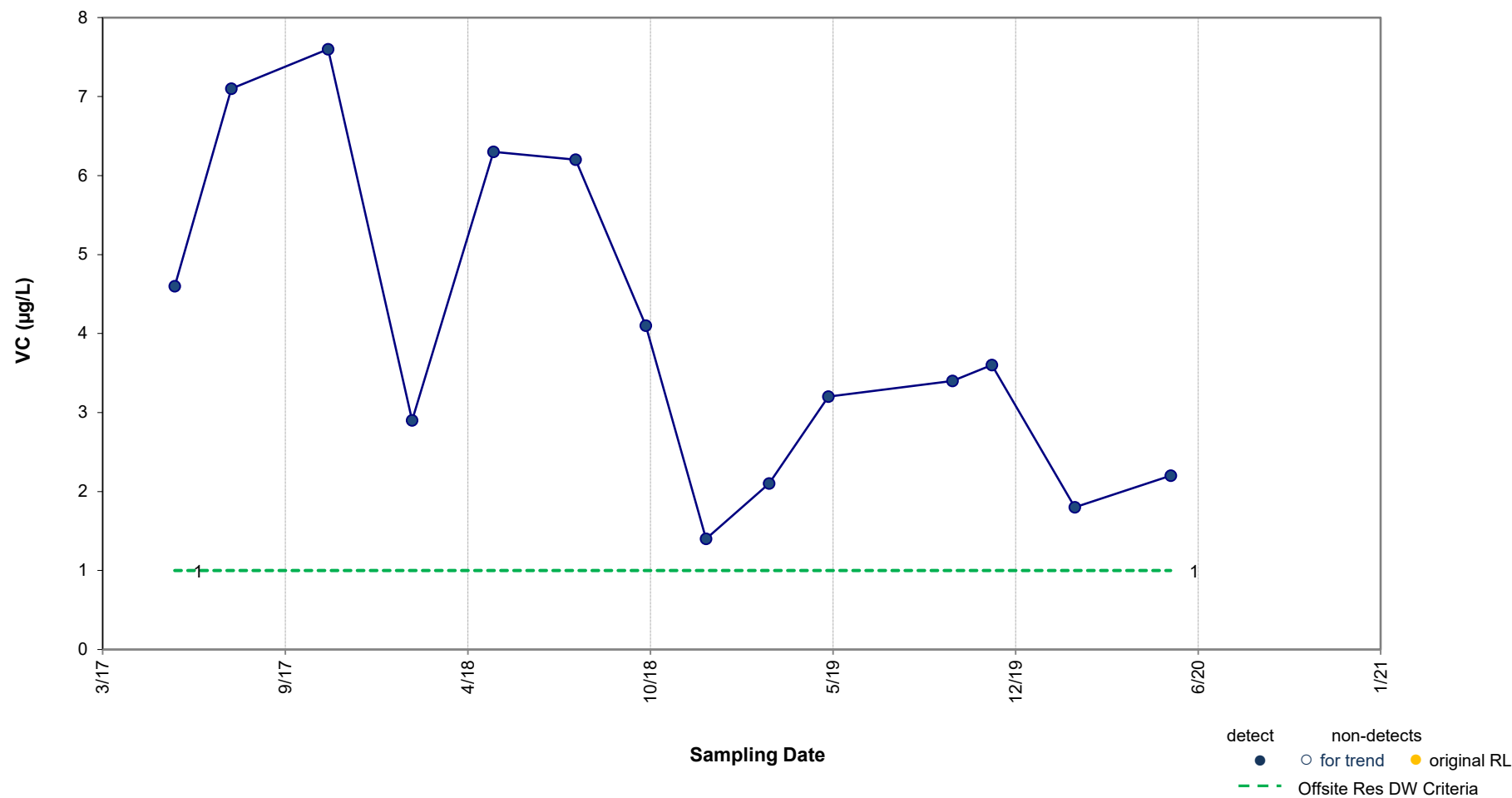


Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = 0.019

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

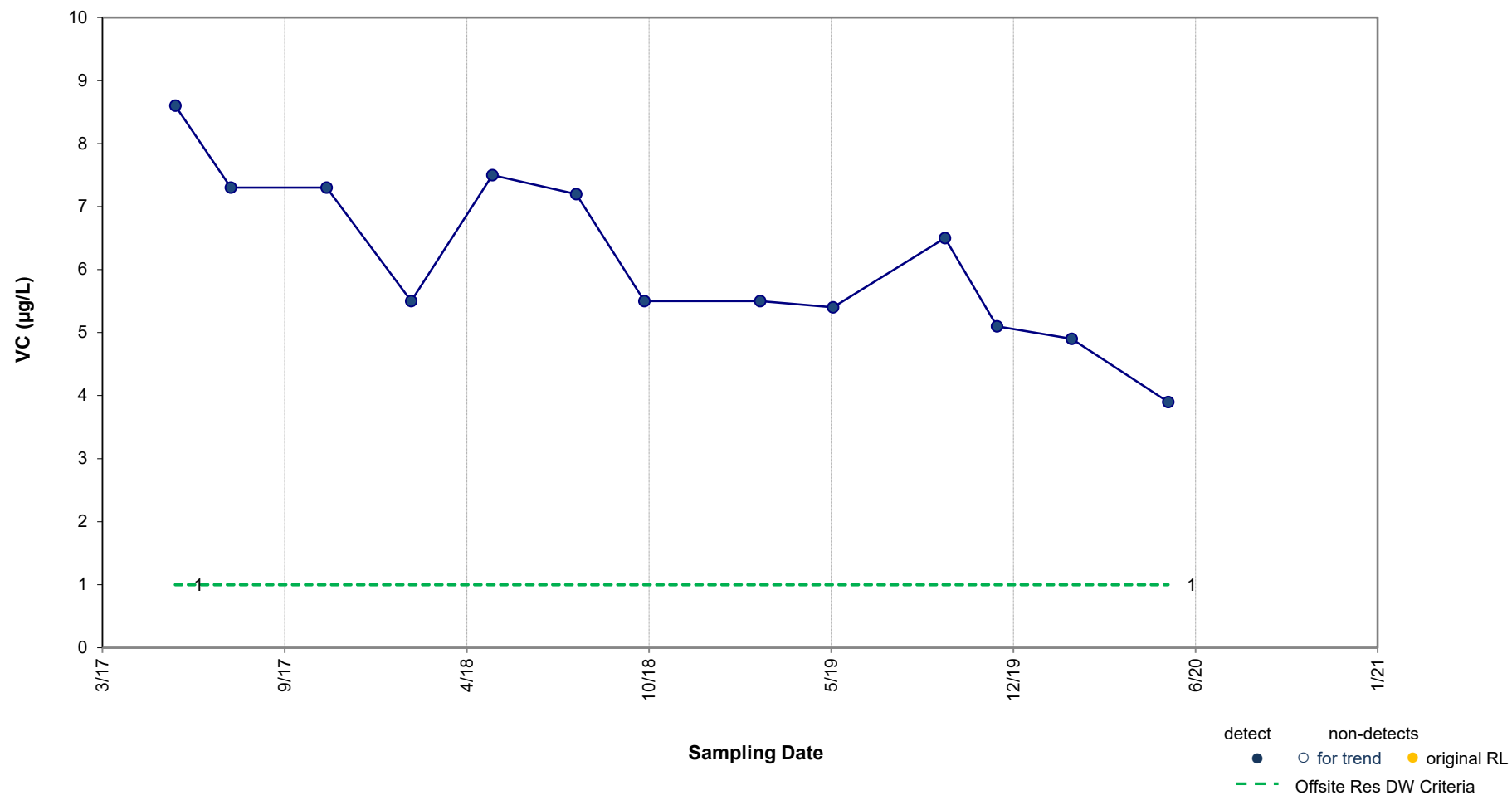


Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = 0.01

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

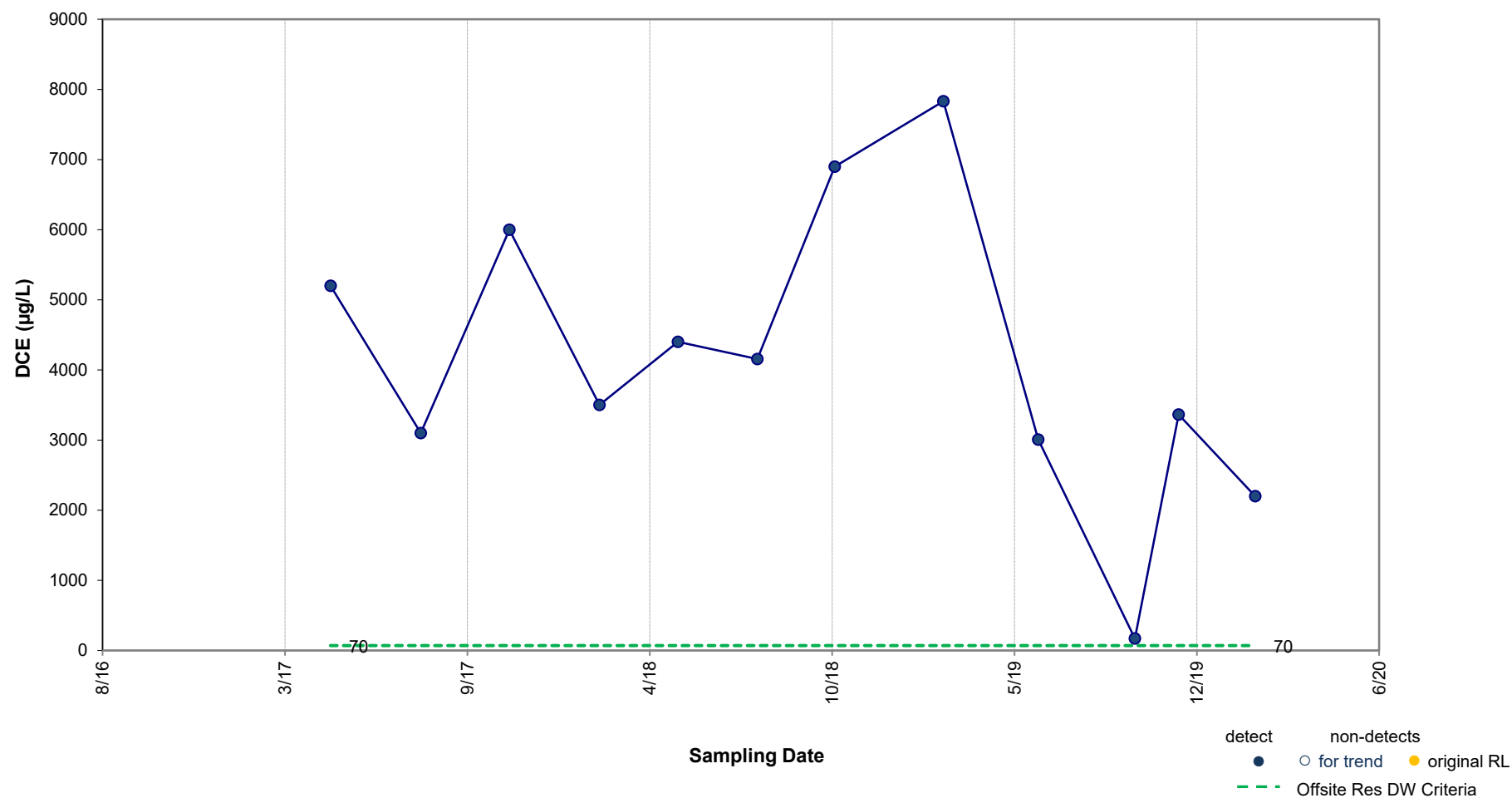


Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = <0.001

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

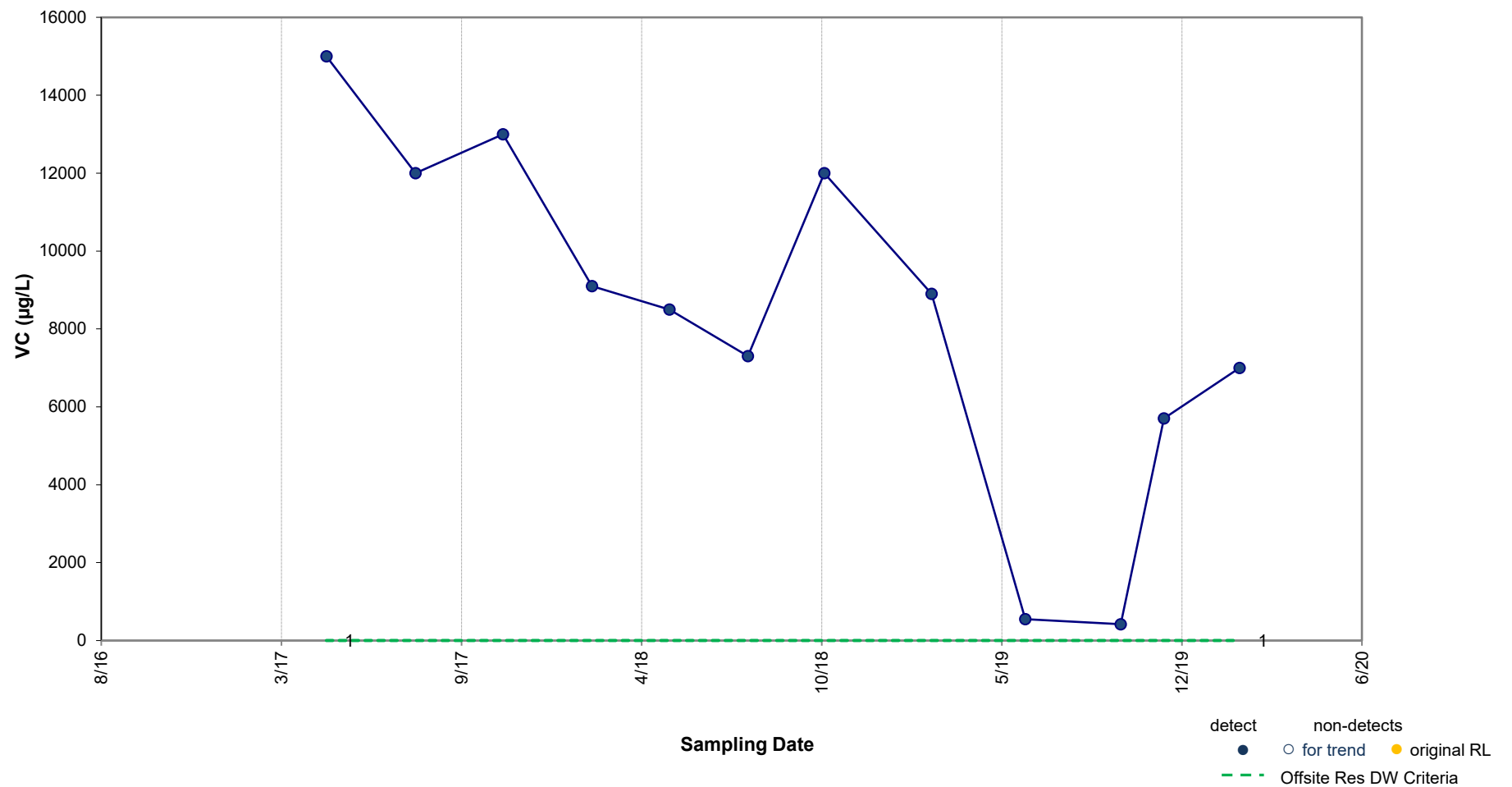


Results of Mann-Kendall Test for Trend:

No Significant Trend

p value = 0.122

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

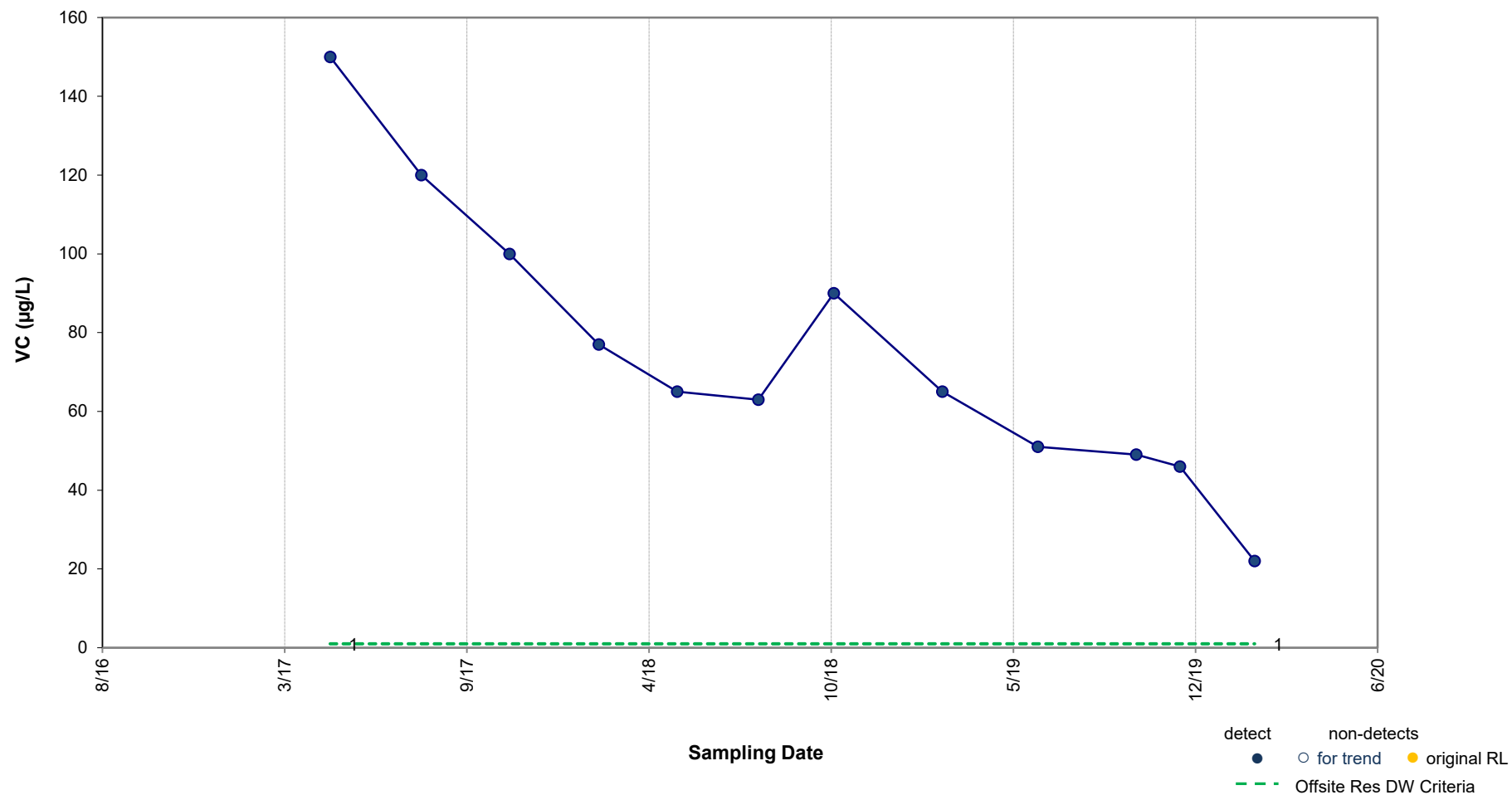


Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = 0.002

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).



Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value =

<0.001

Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Fax 248 994 2241

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A decorative graphic consisting of three thin orange lines. One line is horizontal, extending from the left edge of the page towards the right. Two other lines are diagonal, starting from the bottom left and extending towards the top right, intersecting the horizontal line.