TRANSMITTAL LETTER

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Copies:

Date:
October 31, 2020

Subject:
Livonia Transmission Plant
3Q 2020 Progress Report

Arcadis Project No.:
30050315

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FORD MOTOR COMPANY

QUARTERLY PROGRESS REPORT - 3Q 2020

Livonia Transmission Plant

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October 31, 2020

3Q 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

Off-Site

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

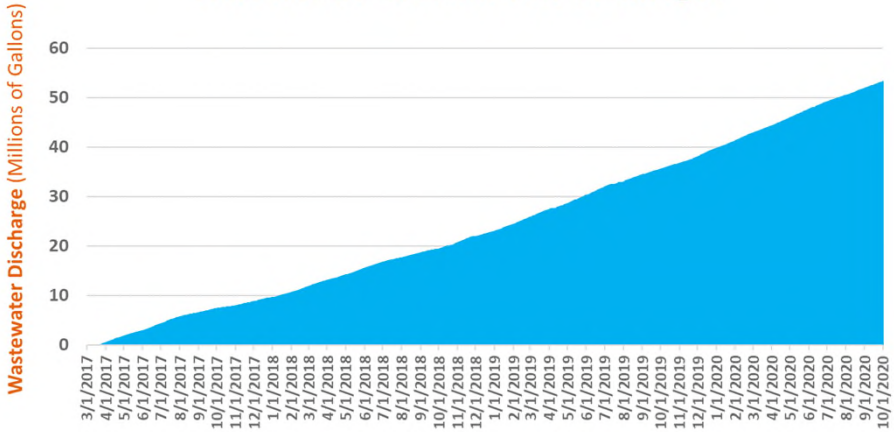
Total On-Site Routine Samples

Period	Groundwater / Water	Soil / Sediment	Sub-Slab / Soil Gas
3Q 2020	113	0	152
Total since Oct. 2015	1,371	328	593

Total Off-Site Routine Samples

Period	Groundwater	Soil Gas
3Q 2020	149	0
Total since Oct. 2015	1,288	255

Hydraulic Control System – Through September 2020
Total Treated Groundwater Discharged



Total Treated Groundwater: 53,288,926 Gallons

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Key Dates

ARCADIS Design & Consultancy for natural and built assets

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	10/3118	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

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Key Dates

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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
2Q 2020 Progress Report	7/31/2020	Received
EGLE Update Letter	7/31/2020	Received
Residential Concern Memo	7/31/2020	Received
EGLE Update Letter	8/31/2020	Received
Residential Concern Memo	8/31/2020	Received
EGLE Update Letter	9/30/2020	Received
Residential Concern Memo	9/30/2020	Received

Upcoming Dates 2020

November Off-Site 4Q 2020 Groundwater Sampling

November On-Site 4Q 2020 Groundwater Sampling

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Livonia Transmission Plant

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October 31, 2020

QUARTERLY PROGRESS REPORT - 3Q 2020

Livonia Transmission Plant

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CONTENTS

Acronyms and Abbreviations iv

1 Introduction 1

1.1 Purpose of This Report 1

1.2 Additional Response Activities 1

2 Summary of Routine Activities 2

2.1 On-Site Groundwater Sampling 2

2.2 Off-Site Groundwater Sampling 3

2.3 Hydraulic Control System 4

2.3.1 System Overview 4

2.4 Interim Sub-Slab Depressurization System 4

2.4.1 System Overview 4

3 Summary of Response Activity Results 5

3.1 On-Site Groundwater Sampling 5

3.2 Off-Site Groundwater Sampling 5

3.3 Off-Site Vapor Intrusion 6

3.3.1 Ongoing Off-Site Vapor Intrusion Response Activities 6

3.4 Hydraulic Control System Operation and Performance Monitoring 6

3.4.1 Hydraulic Control System Operation 6

3.4.2 Maintenance Activities 8

3.4.3 Hydraulic Control System Performance Monitoring 9

3.4.3.1 Groundwater Elevation 9

3.4.3.2 Hydraulic Response 10

3.4.3.3 Groundwater Analytical Trends 10

3.5 Summary of Hydraulic Control System Compliance Actions 12

3.6 Interim Sub-Slab Depressurization System Operation and Performance Monitoring 13

4 Access Agreements 14

5 Other Relevant Information 14

5.1 Due Care Obligations 14

5.2 Public Outreach 15

5.3 List of Reporting Documents 15

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6 Waste Management 15

7 Proposed Schedule 16

8 References 16

EXHIBITS (*embedded in text*)

Exhibit 1: HCS Shutdown Summary 7

Exhibit 2: HCS Treated Discharge Water Volume and Flow Rate Summary – 3Q 2020 8

Exhibit 3: HCS Mass Removal – 3Q 2020 8

Exhibit 4: GLWA Discharge Limitations for HCS 12

Exhibit 5: SSDS Shutdown Summary – 3Q 2020 13

Exhibit 6: SSDS Mass Removal – 3Q 2020 14

Exhibit 7: Submitted Reporting Documents – 3Q 2020 15

Exhibit 8: Response Activity Schedule 16

TABLES

Table 1 – On-Site Groundwater Elevations

Table 2 – On-Site Groundwater Analytical Results

Table 3 – Off-Site Groundwater Elevations

Table 4 – Off-Site Groundwater Analytical Results

Table 5 – Northwest Area Groundwater Monitoring Well Analytical Results Summary

Table 6 – Hydraulic Control System Monthly Discharge Volumes

FIGURES

Figure 1 – Site Location Map

Figure 2 – Site Layout

Figure 3 – Site-Wide Groundwater Elevation Contour Map Under Pumping Conditions August 2020

Figure 4 – On-Site Monitoring Wells Cis-1,2-Dichloroethene in Groundwater

Figure 5 – On-Site Monitoring Wells Trans-1,2-Dichloroethene in Groundwater

Figure 6 – On-Site Monitoring Wells Trichloroethene in Groundwater

Figure 7 – On-Site Monitoring Wells Vinyl Chloride in Groundwater

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Figure 8 – On-Site Monitoring Wells 1,4-Dioxane in Groundwater

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

Figure 10A – Off-Site Monitoring Wells Trichloroethene in Groundwater

Figure 10B – Northwest Area Monitoring Wells Trichloroethene in Groundwater Analytical Results

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

Figure 12 – Hydraulic Gradient Map August 2020

APPENDICES

Appendix A - On-Site Groundwater Field Sampling Logs

Appendix B - Off-Site Residential Monitoring Wells

Appendix C - Off-Site Groundwater Field Sampling Logs

Appendix D - Transducer Data

Appendix E - Stability Analysis

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ACRONYMS AND ABBREVIATIONS

1,1-DCE	1,1-dichloroethene
3Q 2020	third quarter of 2020
4Q 2020	fourth quarter of 2020
AOC	area of concern
Arcadis	Arcadis of Michigan LLC
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
LTP	Livonia Transmission Plant
µg/L	microgram per liter
mg/L	milligram per liter
PCE	tetrachloroethene
report	Progress Report
ROW	right-of-way
SSDS	sub-slab depressurization system
TCE	trichloroethene
TestAmerica	Eurofins TestAmerica Laboratories
the site	Livonia Transmission Plant, 36200 Plymouth Road, Livonia, Michigan
trans-1,2-DCE	trans-1,2-dichloroethene
USEPA	United States Environmental Protection Agency
VC	vinyl chloride
VI	vapor intrusion
VIAC	Volatilization to Indoor Air Criteria
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 filed by the Michigan Department of Environment, Great Lakes, and Energy (EGLE), formerly known as the Michigan Department of Environmental Quality, 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 third quarter of 2020 (3Q 2020), from July 1 through September 30, 2020. Activities described in this 3Q 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 3Q 2020 include off-site vapor intrusion (VI) investigation, 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 3Q 2020. Details regarding the additional response activities completed in 3Q 2020 are provided below.

Date	Activity	Activities Completed in 3Q 2020	Additional Activities Required (yes or no)
July to September 2020	Additional Off-Site VI Assessment	A total of 212 samples collected (includes duplicate samples), includes sub-slab, indoor air, and ambient.	Yes

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Date	Activity	Activities Completed in 3Q 2020	Additional Activities Required (yes or no)
September 2020	On-Site and Off-Site Utility Corridor VI Assessment	A total of 31 samples collected (includes duplicate samples), includes liquid and ambient.	Yes
July to September 2020	Additional On-Site VI Assessment	A total of 152 sub-slab samples (includes duplicate samples) were collected for the On-Site VI Assessment.	Yes
July to September 2020	Off-Site Mitigation System Installation	Sub-membrane depressurization system installation activities continue at one property.	Yes

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 areas of concern (AOCs) include all areas within the 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 AOCs 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 3Q 2020. Refer to the subsequent sections for further detail on each respective event and associated tables and figures.

Date	Activity	Tables	Figures
August 2020	On-Site Groundwater Sampling	1, 2	3, 4, 5, 6, 7, 8
August 2020	Off-Site Groundwater Sampling	3, 4	3, 9, 10A, 10B, 11
July to September 2020	HCS Performance Monitoring	5	2, 3, 12
July to September 2020	SSDS Performance Monitoring	-	2

2.1 On-Site Groundwater Sampling

Arcadis completed on-site gauging on August 17, 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

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3Q 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 3Q 2020 are provided on **Figure 3**.

On-site groundwater sampling was conducted from August 3 through August 27, 2020 on all wells, excluding 12 on-site light non-aqueous phase liquid wells (LMW-15-01, LMW-15-02, LMW-15-03, LMW-15-04, LMW-15-05, LMW-15-06, LMW-15-07, LMW-15-08, LMW-15-09, LMW-15-10, LMW-20-17, and LMW-20-19) and three monitoring wells (MW-20, MW-21, and MW-114). Samples could not be collected from MW-20 and MW-21 due to damages to the monitoring wells. Monitoring well MW-114 could not be sampled due to a sink hole forming near the monitoring well. The monitoring wells that were identified as having damages during the 3Q 2020 sampling event will be repaired prior to the fourth quarter of 2020 (4Q 2020) groundwater sampling event. At all other locations, 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 3Q 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 113 on-site monitoring wells and submitted on ice to Eurofins 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 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.

2.2 Off-Site Groundwater Sampling

Arcadis completed off-site gauging on August 17, 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 3Q 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 August 3 through August 27, 2020. A sample could not be collected from MW-129 and MW-129S because a trailer was parked over the wells making them inaccessible. Arcadis contacted the tenant and property owner multiple times but was unsuccessful making arrangements to have the trailer removed. In addition, samples could not be collected from MW-130S and MW-160S due to both wells being dry. At all other locations, groundwater was purged from the monitoring wells 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 3Q 2020 groundwater analytical results are

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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 149 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 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.

2.4 Interim Sub-Slab Depressurization System

2.4.1 System Overview

In response to the presence of volatile organic compounds (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.

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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 (EGLE 2018). Comprehensive analytical results are summarized in **Table 2**. Compound concentrations of constituents of concern exceeding Part 201 Non-residential Generic Cleanup Criteria for 3Q 2020 include cis-1,2-DCE, trans-1,2-DCE, TCE, VC, and 1,4-dioxane. 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 (November 2019, February/March 2020, May/June 2020, and August 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 3Q 2020.

3.2 Off-Site Groundwater Sampling

The off-site monitoring well groundwater results are compared to the Part 201 Residential Generic Cleanup Criteria (EGLE 2018) and the site-specific groundwater VI screening levels included as part of the Consent Decree. However, the site-specific screening levels provided for TCE and VC 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 3Q 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 the four most recent quarters of data (November 2019, February 2020, May 2020, and August 2020) for the off-site monitoring wells to the east of the site property boundary are provided on **Figures 9**, **10A**, 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.

Additional off-site groundwater sampling was completed northwest of the site to monitor impacts associated with the properties west of the facility and other upgradient potential source areas. The

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monitoring well locations are located on a commercial property and ROWs; therefore, the results were compared to the site-specific Non-residential Volatilization to Indoor Air Criteria (VIAC) adjusted for 12-hour work-day exposure. Only TCE was detected at concentrations above the Non-residential VIAC (210 µg/L for TCE). 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, and 1,4-dioxane were also detected in the upgradient monitoring wells, but at concentrations below the Non-residential VIAC. Groundwater analytical results for the northwest area are summarized in **Table 5**. A summary of the TCE impacts in groundwater for the northwest area is shown on **Figure 10B**.

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 3,266 indoor air, ambient air, and sub-slab soil vapor samples (including duplicate samples) have been collected at residential and commercial properties. Additionally, 58 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 designs have been completed for the 33 residential properties. To date, 31 of the 33 mitigation systems have been installed. Mitigation in one of the remaining homes is currently pending per the property owner's request. 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 6**). 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 95.9 percent during 3Q 2020.

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Exhibit 1: HCS Shutdown Summary

Date of Shutdown	Duration of Shutdowns	Summary of Shutdown
August 2, 2020 through August 6, 2020	58.92 hours	System shutdown due to high sediment loads from surficial washout into vault which clogged bag filters and resulted in the air stripper sump filling to high alarm levels.
August 17, 2020	1.53 hours	System shutdown to complete cleaning activities on system pressure gauges. Normal operation resumed the same day.
September 4, 2020	4.93 hours	System shutdown to complete cleaning activities on air stripper sump, trays, and floats. Normal operation resumed the same day.
September 14, 2020	2.10 hours	System shut down to pump down groundwater storage tote. Field staff completed pumping, and the HCS resumed normal operation the same day.
September 14, 2020 through September 15, 2020	15.85 hours	High air stripper sump level alarm shut down system. Field staff mobilized to site to restart system.
September 21, 2020	0.92 hours	The system was shut down to perform backwashing on the lead carbon vessel. Field staff completed backwashing, and the HCS resumed normal operation the same day.
September 29, 2020	7.08 hours	Field staff turned off the system to decommission the catalytic oxidizer. The catalytic oxidizer was decommissioned, and system resumed uncontrolled operation within the same day.

During the reporting period, groundwater was extracted from the horizontal wells to maintain continuous and consistent drawdown in each horizontal well. On August 31, 2020, the pump in horizontal well ESD-4 shut down. On September 1, 2020, the pump was evaluated, and it was determined that a new pump was needed to continue operation of ESD-4. The new pump was installed on September 1, 2020. Following the replacement of the pump, ESD-4 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 6** for the 3Q 2020 reporting period. The total volume of water collected and treated from system startup on March 15, 2017 through 3Q 2020 is 53,288,926 gallons.

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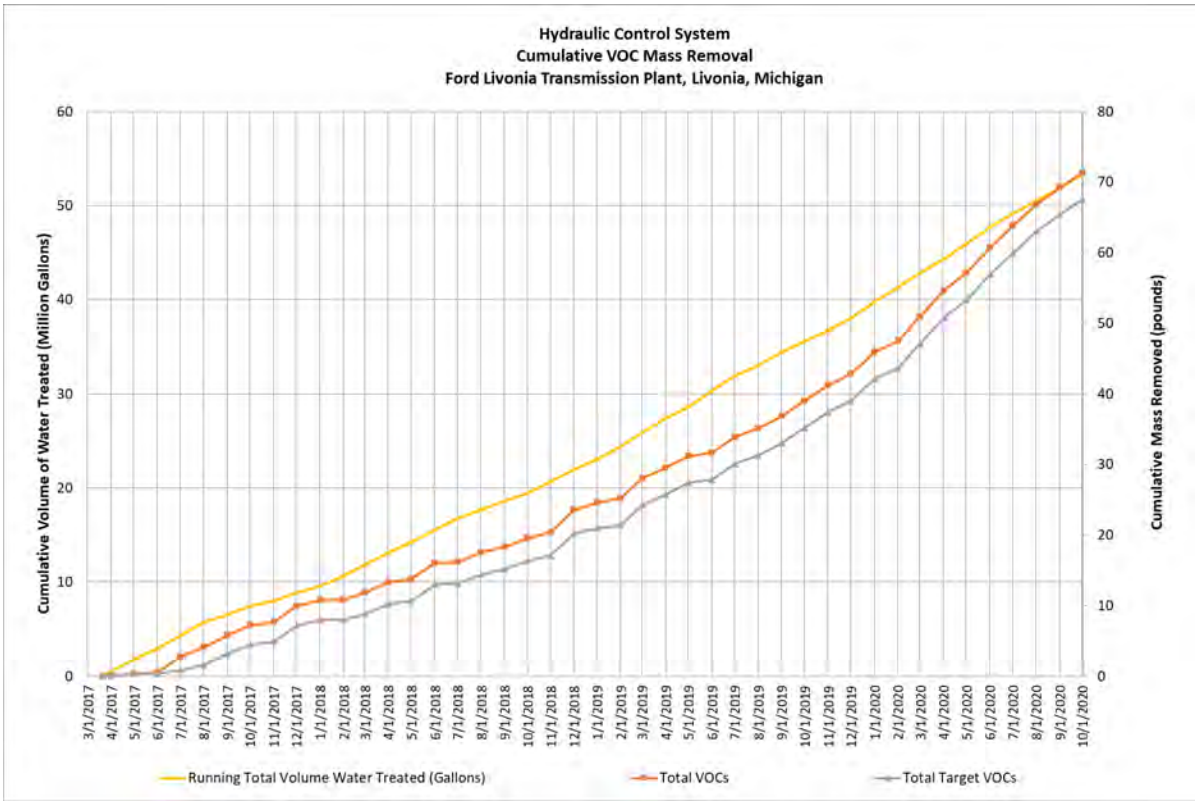
Exhibit 2: HCS Treated Discharge Water Volume and Flow Rate Summary – 3Q 2020

Month	Volume Treated (gallons)	Average Operational Flow Rate* (gallons per minute)
July	1,342,508	30
August	1,384,184	34
September	1,368,325	33

Notes:
*Treated volume divided by operating time.

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

Exhibit 3: HCS Mass Removal – 3Q 2020



3.4.2 Maintenance Activities

Routine maintenance is required for effective operation of the HCS equipment and groundwater extraction. In 3Q 2020, maintenance activities included routine bag filter changes, system cleanings, programming updates, ESD-4 pump replacement, and carbon backwashing.

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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 3Q 2020 remained consistent with previous quarters.

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 relatively steep as groundwater approaches the HCS system, and then flattens downgradient of the HCS wells ESD-1, ESD-2, and ESD-3 as groundwater is captured and removed from the aquifer. The southern HCS well (ESD-4) shows a more pronounced inward gradient with capture of groundwater both upgradient and downgradient of the HCS.

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 August 17, 2020. The well triplets and calculated flow vectors are shown on **Figure 12**. The August 2020 gradient map shows that flow near the northern portion of the system (ESD-1 and ESD-2) is easterly, flow is deflected southerly near ESD-3, and then becoming more inward (westerly) downgradient from 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 the 3Q 2020 event further confounds observed 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).

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- HCS well efficiency also tends to decrease with time, and regular maintenance is required to maintain optimum performance. Flushing and redevelopment of the ESD wells will be completed during the 4Q of 2020.

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.
- 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 3Q 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, up to 15 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/March 2020, May/June 2020, and August 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.

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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 August 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 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-52, which shows a statistically significant decreasing trend, and MW-69, which shows a statistically significant increasing trend.
    - 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 3.2 to 5.0 µg/L. The result during the 3Q 2020 event was 3.0 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-73SR, MW-75D, MW-79D, and MW-85 show statistically significant decreasing trends. MW-72 and MW-74 show no significant trend, and MW-73D did not meet the criteria for trend analysis. Concentrations of VC at MW-80SR show a statistically significant increasing trend.
    - VC concentrations at MW-73SR decreased from 1.7 µg/L in December 2018 to <1.0 µg/L in August 2020.
    - VC concentrations at MW-75D decreased from 6.4 µg/L in May 2017 to 2.2 µg/L in August 2020.

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- VC concentrations at MW-79D decreased from 4.1 µg/L in July 2017 to 1.4 µg/L in August 2020.
- VC concentrations of MW-85 decreased from 8.6 µg/L in May 2017 to 5.4 µg/L in August 2020.
- VC concentrations of MW-80SR have increased from 1.5 µg/L in December 2018 to 4.5 µg/L in August 2020. The concentration of VC at this location was 1.5 ug/L in February 2020 and 2.0 µg/L in April 2020 before increasing in August 2020.

Except for a limited number of on-site upgradient monitoring wells and constituent combinations that show statistically significant increasing trends (total DCE at MW-02; VC at MW-10, VC at MW-50) and two downgradient monitoring wells with increasing concentrations of VC (MW-69 and MW-80SR), 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.

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

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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 3Q 2020 reporting period are presented in **Table 6**.

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.

Historic sampling has shown that the potential uncontrolled emissions from the system are below the exemption emission limits specified in both Rule 290 and Rule 291 Michigan air permit rules. Therefore, the catalytic oxidizer that had been used as an air emission control measure for the vapor discharge of the air stripper is no longer needed and was decommissioned at the end of 3Q 2020. Moving forward the system will operate under the Rule 291 exemption with annual vapor sampling along with monthly water sampling to evaluate Rule 291 compliance.

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 process control issue which shut the system down over a weekend. The SSDS system was also briefly shut down for cleaning and maintenance activities. The system operated with an uptime of 95.3 percent during 3Q 2020.

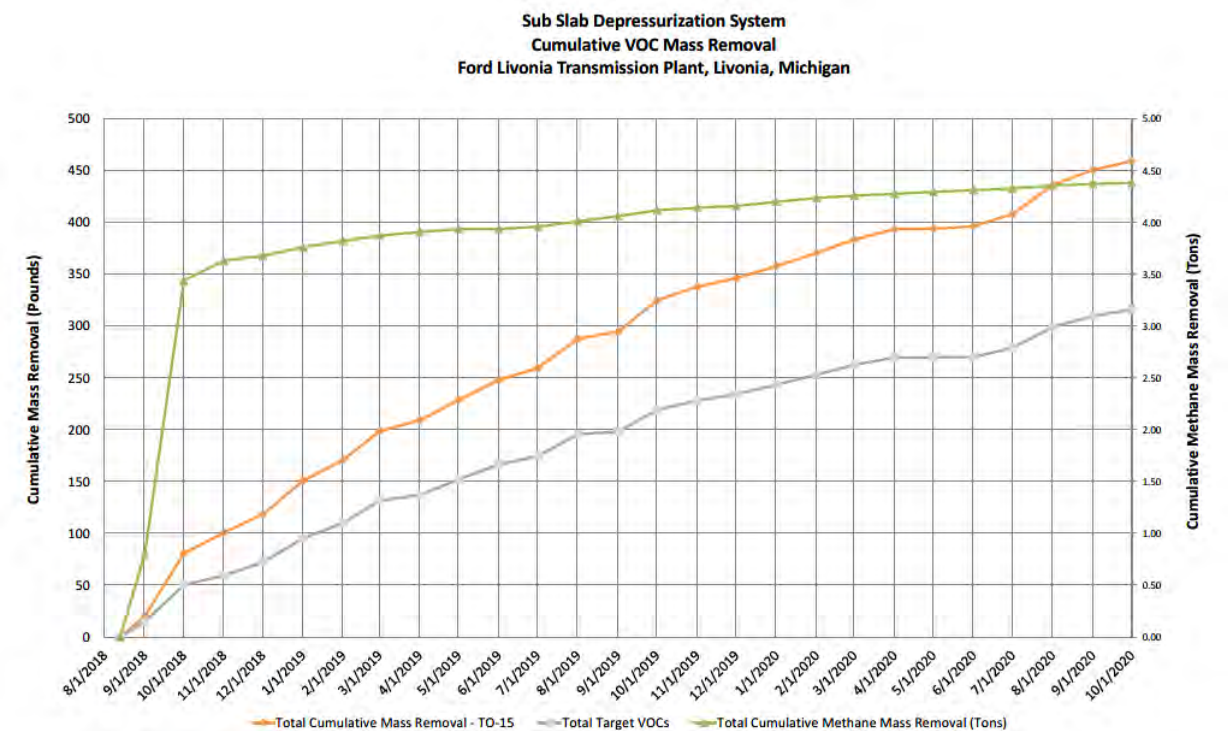
Exhibit 5: SSDS Shutdown Summary – 3Q 2020

Date of Shutdown	Duration of Shutdowns	Summary of Shutdown
July 17, 2020	3.73 hours	The system was shut down for flame arrestor cleaning.
September 5, 2020 through September 9, 2020	99.08 hours	The system shut down due to a control issue over the weekend. Field staff mobilized to site on September 9, 2020 to restart system.

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Exhibit 6 below depicts the cumulative constituent-specific mass removal of VOCs from sub-slab soil vapor through the 3Q 2020 reporting period.

Exhibit 6: SSDS Mass Removal – 3Q 2020



4 ACCESS AGREEMENTS

No access agreements were obtained during 3Q 2020. 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 3Q 2020 reporting period is included in **Exhibit 7** below.

Exhibit 7: Submitted Reporting Documents – 3Q 2020

Report Title	Submission Date
2Q 2020 Progress Report	July 31, 2020
EGLE Update Letter	July 31, 2020
Residential Concern Memo	July 31, 2020
EGLE Update Letter	August 31, 2020
Residential Concern Memo	August 31, 2020
EGLE Update Letter	September 30, 2020
Residential Concern Memo	September 30, 2020

6 WASTE MANAGEMENT

All investigation-derived waste, construction debris, or other waste is properly stored in labeled 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 along with storm water collected from off-site mitigation crawl spaces following significant rain events. No drums were disposed of during 3Q 2020.

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7 PROPOSED SCHEDULE

Future response activities are scheduled as follows:

Exhibit 8: Response Activity Schedule

Response Activity	Proposed Schedule	Anticipated Completion
4Q 2020 On-site Groundwater Sampling	November 2020	November 2020
4Q 2020 Off-site Groundwater Sampling	November 2020	November 2020
HCS Performance Monitoring	Monthly	Ongoing
SSDS Performance Monitoring	Monthly	Ongoing
On-Site VI Investigation	January 2021	January 2021
Off-Site VI Investigation	October 2020	To Be Determined
Off-Site Mitigation Operation, Monitoring, and Maintenance	October 2020	To Be Determined
4Q 2020 On-Site and Off-Site Utility Corridor VI Assessment	December 2020	December 2020

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. 2018. Part 201 Groundwater: Residential and Nonresidential Part 201 Generic Cleanup Criteria and Screening Levels. Michigan Department of Environment, Great Lakes, and Energy. June.

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.

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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
			08/17/20	8.36	10.45	NM	665.62	2.09	663.53	665.20
LMW-15-02	673.90	7.0-12.0	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
			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
			08/17/20	8.20	9.41	NM	665.70	1.21	664.49	665.45
LMW-15-03	670.18	7.0-12.0	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
			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
			08/17/20	6.33	7.33	NM	663.85	1.00	662.85	663.65
LMW-15-04	673.92	6.0-11.0	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							
			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
			08/17/20	7.52	8.96	NM	666.40	1.44	664.96	666.11
LMW-15-05	673.93	7.0-12.0	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
			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
			08/17/20	8.81	10.19	NM	665.12	1.38	663.74	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)
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
			08/17/20	6.58	8.38	NM	667.35	1.80	665.55	666.99
LMW-15-07	673.52	7.0-12.0	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
			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
			08/17/20	6.79	6.82	NM	666.73	0.03	666.70	666.72
LMW-15-08	673.88	7.5-12.5	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
			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
			08/17/20	5.74	7.33	NM	668.14	1.59	666.55	667.82
LMW-15-09	673.93	7.0-12.0	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
			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
			08/17/20	7.89	9.44	NM	666.04	1.55	664.49	665.73
LMW-15-10	673.89	7.0-12.0	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
			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							
			08/17/20							

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-20-11	670.61	5.0-15.0	05/18/20	NP	5.21	14.49	NA	NA	665.40	665.40
			08/17/20	NP	5.80	NM	NA	NA	664.81	664.81
LMW-20-12	673.83	7.0-17.0	05/18/20	NP	7.88	16.45	NA	NA	665.95	665.95
			08/17/20	NP	7.92	NM	NA	NA	665.91	665.91
LMW-20-13	673.67	6.0-16.0	05/18/20	NP	7.42	14.25	NA	NA	666.25	666.25
			08/17/20	NP	7.55	NM	NA	NA	666.12	666.12
LMW-20-14	673.74	6.0-16.0	05/18/20	NP	6.52	14.97	NA	NA	667.22	667.22
			08/17/20	NP	6.70	NM	NA	NA	667.04	667.04
LMW-20-15	671.44	7.5-17.5	05/18/20	NP	6.05	15.00	NA	NA	665.39	665.39
			08/17/20	NP	7.32	NM	NA	NA	664.12	664.12
LMW-20-16	672.78	7.5-17.5	05/18/20	NP	8.82	16.33	NA	NA	663.96	663.96
			08/17/20	NP	8.88	NM	NA	NA	663.90	663.90
LMW-20-17	670.80	7.0-17.0	05/18/20	7.32	7.72	NM	663.48	0.40	663.08	663.40
			08/17/20	7.47	8.17	NM	663.33	0.70	662.63	663.19
LMW-20-18	668.58	6.5-16.5	05/18/20	NP	6.95	15.82	NA	NA	661.63	661.63
			08/17/20	NP	5.80	NM	NA	NA	662.78	662.78
LMW-20-19	673.51	6.0-16.0	05/18/20	6.71	7.16	NM	666.80	0.45	666.35	666.71
			08/17/20	6.88	7.54	NM	666.63	0.66	665.97	666.50
LMW-20-20	672.64	4.0-14.0	05/18/20	NP	5.78	13.25	NA	NA	666.86	666.86
			08/17/20	NP	5.87	NM	NA	NA	666.77	666.77
LMW-20-21	673.62	7.0-17.0	05/18/20	NP	9.24	16.20	NA	NA	664.38	664.38
			08/17/20	NP	9.51	NM	NA	NA	664.11	664.11
LMW-20-22	673.70	6.5-16.5	05/18/20	NP	6.91	15.78	NA	NA	666.79	666.79
			08/17/20	NP	7.05	NM	NA	NA	666.65	666.65
LMW-20-23	671.70	5.0-15.0	05/18/20	NP	6.20	13.92	NA	NA	665.50	665.50
			08/17/20	NP	6.48	NM	NA	NA	665.22	665.22
LMW-20-24	672.07	2.0-12.0	08/17/20	NP	2.83	NM	NA	NA	669.24	669.24
LMW-20-25	670.58	3.0-13.0	08/17/20	NM[6]	NM[6]	NM[6]	NA[6]	NA[6]	NM[6]	NM[6]
LMW-20-26	670.70	5.0-15.0	08/17/20	NP	6.95	NM	NA	NA	663.75	663.75
LMW-20-27	670.35	5.0-15.0	08/17/20	NP	5.57	NM	NA	NA	664.78	664.78
LMW-20-28	673.75	4.5-14.5	08/17/20	NP	6.18	NM	NA	NA	667.57	667.57
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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	27.97	NM	NA	NA	647.20	647.20
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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	21.76	NM	NA	NA	653.99	653.99
MW-15-61D	670.03	88.0-93.0	01/07/16	NP	76.49	93.00	NA	NA	593.54	593.54
			01/08/16	NP	88.02	93.00	NA	NA	582.01	582.01
			01/19/16	NP	73.23	93.00	NA	NA	596.80	596.80
			01/20/16	NP	89.31	93.00	NA	NA	580.72	580.72
			01/26/16	NP	84.09	93.00	NA	NA	585.94	585.94
			01/27/16	NP	82.42	93.00	NA	NA	587.61	587.61
			01/28/16	NP	80.71	93.00	NA	NA	589.32	589.32
			04/19/17	NP	24.71	93.87	NA	NA	645.32	645.32
			07/24/17	NP	24.74	94.09	NA	NA	645.29	645.29
			11/06/17	NP	26.58	94.72	NA	NA	643.45	643.45
			02/06/18	NP	25.79	94.71	NA	NA	644.24	644.24
			05/07/18	NP	25.63	94.24	NA	NA	644.40	644.40
			08/16/18	NP	56.16	NM	NA	NA	613.87	613.87
			11/19/18	NP	36.37	NM	NA	NA	633.66	633.66
			03/02/19	NP	21.90	92.85	NA	NA	648.13	648.13
			06/14/19	Could Not Access, high traffic roadway						
			09/28/19	NP	24.70	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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NM[6]	NM[6]	NM[6]	NA[6]	NM[6]	NM[6]	NM[6]

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-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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	3.50	NM	NA	NA	667.27	667.27
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
			08/17/20	NP	6.83	NM	NA	NA	666.97	666.97
MW-3	673.61	14.0-19.0	05/12/16	NP	5.82	18.79	NA	NA	667.79	667.79
			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
			08/17/20	NP	7.10	NM	NA	NA	666.51	666.51
MW-4	673.85	15.5-20.5	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
			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
			08/17/20	NP	7.54	NM	NA	NA	666.31	666.31
MW-5*	674.40	15.5-20.5	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
			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
			08/17/20	NP	7.11	NM	NA	NA	667.29	667.29

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-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]	NA[5]	NA[5]	NM[5]	NM(5)
			08/17/20	NP	4.71	NM	NA	NA	666.18	666.18
MW-9	671.18	19.5-24.5	05/09/16	NP	5.82	24.34	NA	NA	665.36	665.36
			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]	NA[5]	NA[5]	NM[5]	NM(5)
			08/17/20	NP	5.82	NM	NA	NA	665.36	665.36
MW-10	673.78	16.5-21.5	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
			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
			08/17/20	NP	8.49	NM	NA	NA	665.29	665.29
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]	NA[5]	NA[5]	NM[5]	NM(5)
			08/17/20	NP	6.41	NM	NA	NA	664.83	664.83
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
			08/17/20	NP	6.68	NM	NA	NA	663.73	663.73

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	NA	NA	NM	NM
			04/17/17	NM	NM	NM	NA	NA	NM	NM
			07/24/17	NM	NM	NM	NA	NA	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]	NA[5]	NA[5]	NM[5]	NM(5)
			08/17/20	NP	8.84	NM	NA	NA	660.81	660.81
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]	NA[5]	NA[5]	NM[5]	NM(5)
			08/17/20	NP	5.85	NM	NA	NA	663.48	663.48
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
			08/17/20	NP	6.95	NM	NA	NA	662.77	662.77
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
			09/26/19	NP	7.48	20.47	NA	NA	662.70	662.70
	670.20		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
			08/17/20	NP	7.56	NM	NA	NA	662.64	662.64
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
			08/17/20	NP	6.37	NM	NA	NA	662.87	662.87

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-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]	NA[5]	NA[5]	NM[5]	NM(5)
			08/17/20	NP	9.88	NM	NA	NA	665.60	665.60
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
			08/17/20	NP	5.93	NM	NA	NA	669.11	669.11
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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	5.66	NM	NA	NA	667.73	667.73
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
			05/18/20	NM[5]	NM[5]	NM[5]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	4.08	NM	NA	NA	664.07	664.07
MW-29	669.45	5.0-15.0	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
			08/17/20	NP	5.12	NM	NA	NA	664.33	664.33

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-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
			08/17/20	NP	9.74	NM	NA	NA	660.96	660.96
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
			08/17/20	NP	9.77	NM	NA	NA	661.05	661.05
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
			08/17/20	NP	9.15	NM	NA	NA	661.28	661.28
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
			08/17/20	NP	7.95	NM	NA	NA	661.99	661.99
MW-34	670.49	16.5-21.5	05/09/16	NP	7.98	21.21	NA	NA	662.51	662.51
			04/17/17	NP	8.83	21.30	NA	NA	661.66	661.66
			07/24/17	NP	9.45	21.23	NA	NA	661.04	661.04
			11/06/17	NP	10.02	21.65	NA	NA	660.47	660.47
			02/05/18	NP	9.73	21.35	NA	NA	660.76	660.76
			05/07/18	NP	8.34	21.26	NA	NA	662.15	662.15
			08/16/18	NP	9.18	NM	NA	NA	661.31	661.31
			11/19/18	NP	8.79	NM	NA	NA	661.70	661.70
			02/22/19	NP	9.18	20.20	NA	NA	661.31	661.31
			06/14/19	NP	7.95	21.26	NA	NA	662.54	662.54
			09/26/19	NP	9.39	21.28	NA	NA	661.10	661.10
			11/04/19	NP	9.32	20.27[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
			08/17/20	NP	9.31	NM	NA	NA	661.18	661.18

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-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
			08/17/20	NP	8.37	NM	NA	NA	661.07	661.07
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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	9.46	NM	NA	NA	666.93	666.93
MW-37	671.24	18.0-23.0	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
			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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	7.80	NM	NA	NA	663.44	663.44
MW-38	671.79	15.0-20.0	04/17/17	NP	8.23	19.55	NA	NA	663.56	663.56
			07/24/17	NP	8.69	23.69	NA	NA	663.10	663.10
			11/06/17	NP	8.53	19.75	NA	NA	663.26	663.26
			02/05/18	NP	8.67	19.65	NA	NA	663.12	663.12
			05/07/18	NP	7.28	19.50	NA	NA	664.51	664.51
			08/16/18	NP	7.61	NM	NA	NA	664.18	664.18
			11/19/18	NP	7.40	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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	8.04	NM	NA	NA	663.75	663.75
MW-39	672.19	19.5-24.5	04/19/17	NP	11.08	24.14	NA	NA	661.11	661.11
			07/24/17	NP	11.41	23.92	NA	NA	660.78	660.78
			11/06/17	NP	11.64	24.36	NA	NA	660.55	660.55
			02/05/18	NP	11.63	24.30	NA	NA	660.56	660.56
			05/07/18	NP	10.25	24.16	NA	NA	661.94	661.94
			08/16/18	NP	10.55	NM	NA	NA	661.64	661.64
			11/19/18	NP	10.24	NM	NA	NA	661.95	661.95
			02/22/19	NP	10.74	24.10	NA	NA	661.45	661.45
			06/14/19	NP	9.60	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
			08/17/20	NP	10.73	NM	NA	NA	661.46	661.46

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-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
			08/17/20	NP	9.54	NM	NA	NA	661.11	661.11
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
			08/17/20	NP	9.22	NM	NA	NA	661.12	661.12
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
			08/17/20	NP	9.00	NM	NA	NA	661.10	661.10
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
			08/17/20	NP	8.24	NM	NA	NA	661.00	661.00
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
			08/17/20	NP	8.45	NM	NA	NA	663.03	663.03

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-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
			08/17/20	NP	10.44	NM	NA	NA	660.39	660.39
MW-46	670.84	16.0-21.0	05/09/16	NP	8.42	20.45	NA	NA	662.42	662.42
			04/19/17	NP	10.61	20.30	NA	NA	660.23	660.23
			07/24/17	NP	10.33	19.78	NA	NA	660.51	660.51
			11/06/17	NP	9.76	19.81	NA	NA	661.08	661.08
			02/05/18	NP	10.20	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
			08/17/20	NP	10.31	NM	NA	NA	660.53	660.53
MW-47	671.33	16.0-21.0	05/09/16	NP	7.53	11.92	NA	NA	663.80	663.80
			04/19/17	NP	9.88	20.76	NA	NA	661.45	661.45
			07/24/17	NP	10.11	19.96	NA	NA	661.22	661.22
			11/06/17	NP	9.87	19.98	NA	NA	661.46	661.46
			02/05/18	NP	10.11	19.98	NA	NA	661.22	661.22
			05/07/18	NP	9.49	19.94	NA	NA	661.84	661.84
			08/16/18	NP	9.65	NM	NA	NA	661.68	661.68
			11/19/18	NP	10.02	19.93	NA	NA	661.31	661.31
			02/22/19	NP	10.50	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
			08/17/20	NP	10.10	NM	NA	NA	661.23	661.23
MW-48	670.98	17.0-22.0	05/09/16	NP	6.33	21.76	NA	NA	664.65	664.65
			04/19/17	NP	8.93	21.62	NA	NA	662.05	662.05
			07/24/17	NP	9.70	20.42	NA	NA	661.28	661.28
			11/06/17	NP	9.33	20.34	NA	NA	661.65	661.65
			02/05/18	NP	10.08	20.35	NA	NA	660.90	660.90
			05/07/18	NP	8.84	20.60	NA	NA	662.14	662.14
			08/16/18	NP	9.34	NM	NA	NA	661.64	661.64
			11/19/18	NP	8.97	NM	NA	NA	662.01	662.01
			03/04/19	NP	9.80	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
			08/17/20	NP	9.36	NM	NA	NA	661.62	661.62
MW-49	669.07	12.5-17.5	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
			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						
			08/17/20	NP	5.25	NM	NA	NA	663.82	663.82

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-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
			08/17/20	NP	7.78	NM	NA	NA	662.38	662.38
MW-51	671.07	15.0-20.0	04/19/17	NP	6.12	19.04	NA	NA	664.95	664.95
			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
			08/17/20	NP	7.60	NM	NA	NA	663.47	663.47
MW-52	669.16	15.0-20.0	05/09/16	NP	6.39	19.81	NA	NA	662.77	662.77
			04/19/17	NP	6.59	19.76	NA	NA	662.57	662.57
			07/24/17	NP	8.33	19.75	NA	NA	660.83	660.83
			11/06/17	NP	8.87	19.83	NA	NA	660.29	660.29
			02/05/18	NP	8.43	19.57	NA	NA	660.73	660.73
			05/07/18	NP	6.57	19.76	NA	NA	662.59	662.59
			08/16/18	NP	8.30	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
			08/17/20	NP	9.38	NM	NA	NA	659.78	659.78
MW-53	668.59	16.0-21.0	05/09/16	NP	6.05	20.85	NA	NA	662.54	662.54
			04/18/17	NP	6.03	20.83	NA	NA	662.56	662.56
			07/24/17	NP	7.92	20.63	NA	NA	660.67	660.67
			11/06/17	NP	8.35	21.08	NA	NA	660.24	660.24
			02/05/18	NP	7.98	20.68	NA	NA	660.61	660.61
			05/07/18	NP	6.08	20.81	NA	NA	662.51	662.51
			08/16/18	NP	7.87	NM	NA	NA	660.72	660.72
			11/19/18	NP	7.10	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
			08/17/20	NP	7.83	NM	NA	NA	660.76	660.76
MW-54	668.49	16.0-21.0	04/19/17	NP	6.01	20.86	NA	NA	662.48	662.48
			07/24/17	NP	8.08	20.52	NA	NA	660.41	660.41
			11/06/17	NP	8.17	20.71	NA	NA	660.32	660.32
			02/05/18	NP	7.96	20.56	NA	NA	660.53	660.53
			05/07/18	NP	6.09	20.82	NA	NA	662.40	662.40
			08/16/18	NP	8.01	NM	NA	NA	660.48	660.48
			11/19/18	NP	7.06	NM	NA	NA	661.43	661.43
			02/22/19	Could Not Access, covered by ice/snow						
			06/14/19	NP	5.90	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[5]	NM[5]	NM[5]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	7.95	NM	NA	NA	660.54	660.54
MW-54S	668.24	4.5-9.5	06/14/19	NP	2.96	9.25	NA	NA	665.28	665.28
			09/26/19	NP	7.56	9.10	NA	NA	660.68	660.68
			11/04/19	NP	4.83	9.28	NA	NA	663.41	663.41
			02/05/20	NP	5.60	NM	NA	NA	662.64	662.64
			05/18/20	NP	3.39	9.28	NA	NA	664.85	664.85
			08/17/20	NP	3.93	NM	NA	NA	664.31	664.31

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
			05/18/20	NP	6.64	19.72	NA	NA	663.40	663.40
			08/17/20	NP	8.24	NM	NA	NA	661.80	661.80
MW-55D	670.17	19.0-24.0	06/14/19	NP	7.04	23.82	NA	NA	663.13	663.13
			09/26/19	NP	9.46	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
			05/18/20	NM[5]	NM[5]	NM[5]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	8.32	NM	NA	NA	661.85	661.85
MW-56	670.26	16.0-21.0	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
			08/17/20	NP	7.66	NM	NA	NA	662.60	662.60
MW-57	668.93	17.0-22.0	04/19/17	NP	5.89	21.72	NA	NA	663.04	663.04
			07/24/17	NP	7.83	21.63	NA	NA	661.10	661.10
			11/06/17	NP	8.12	21.83	NA	NA	660.81	660.81
			02/06/18	NP	7.86	21.80	NA	NA	661.07	661.07
			05/07/18	NP	5.79	21.73	NA	NA	663.14	663.14
			08/16/18	NP	7.59	NM	NA	NA	661.34	661.34
			11/19/18	NP	6.78	NM	NA	NA	662.15	662.15
			02/22/19	NP	6.73	21.66	NA	NA	662.20	662.20
			06/14/19	NP	5.75	21.66	NA	NA	663.18	663.18
			09/26/19	NP	8.03	21.68	NA	NA	660.90	660.90
			11/04/19	NP	7.13	21.71	NA	NA	661.80	661.80
			02/05/20	NP	6.23	NM	NA	NA	662.70	662.70
			05/18/20	NP	5.72	21.66	NA	NA	663.21	663.21
			08/17/20	NP	7.39	NM	NA	NA	661.54	661.54
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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	5.23	NM	NA	NA	663.50	663.50

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
			08/17/20	NP	8.93	NM	NA	NA	662.13	662.13
MW-63	669.96	7.0-12.0	04/20/17	NP	7.32	11.75	NA	NA	662.64	662.64
			07/24/17	NP	8.45	11.78	NA	NA	661.51	661.51
			11/06/17	NP	8.18	11.80	NA	NA	661.78	661.78
			02/05/18	NP	8.77	11.80	NA	NA	661.19	661.19
			05/07/18	NP	7.24	11.80	NA	NA	662.72	662.72
			08/16/18	NP	7.82	NM	NA	NA	662.14	662.14
			11/19/18	NP	7.89	NM	NA	NA	662.07	662.07
			02/22/19	NP	8.36	11.79	NA	NA	661.60	661.60
			06/19/19	NP	7.55	11.78	NA	NA	662.41	662.41
			09/26/19	NP	8.22	11.78	NA	NA	661.74	661.74
			11/04/19	NP	7.68	11.77	NA	NA	662.28	662.28
			02/05/20	NP	7.86	NM	NA	NA	662.10	662.10
			04/01/20	NP	7.88	NM	NA	NA	662.08	662.08
			05/18/20	NP	7.60	11.78	NA	NA	662.36	662.36
			08/17/20	NP	7.93	NM	NA	NA	662.03	662.03
MW-64	671.09	15.0-20.0	04/20/17	NP	8.55	21.10	NA	NA	662.54	662.54
			07/24/17	NP	9.83	20.05	NA	NA	661.26	661.26
			11/06/17	NP	10.20	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
			08/17/20	NP	9.57	NM	NA	NA	661.52	661.52
MW-65	671.98	16.0-21.0	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
			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
			08/17/20	NP	9.41	NM	NA	NA	662.57	662.57
MW-66	669.83	15.0-20.0	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
			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
			08/17/20	NP	7.59	NM	NA	NA	662.24	662.24

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
			08/17/20	NP	9.66	NM	NA	NA	661.66	661.66
MW-68	670.71	15.0-20.0	04/20/17	NP	9.39	21.85	NA	NA	661.32	661.32
			07/24/17	NP	9.55	19.86	NA	NA	661.16	661.16
			11/06/17	NP	9.51	19.85	NA	NA	661.20	661.20
			02/05/18	NP	9.68	19.85	NA	NA	661.03	661.03
			05/15/18	NP	8.68	19.82	NA	NA	662.03	662.03
			08/16/18	NP	9.04	NM	NA	NA	661.67	661.67
			11/19/18	NP	9.17	19.79	NA	NA	661.54	661.54
			03/08/19	NP	9.69	15.29	NA	NA	661.02	661.02
			06/14/19	NP	8.75	19.85	NA	NA	661.96	661.96
			09/26/19	NP	9.47	19.79	NA	NA	661.24	661.24
			11/04/19	NP	9.35	19.81	NA	NA	661.36	661.36
			02/05/20	NP	9.58	NM	NA	NA	661.13	661.13
			04/01/20	NP	9.35	NM	NA	NA	661.36	661.36
			05/18/20	NP	9.38	19.80	NA	NA	661.33	661.33
			08/17/20	NP	9.39	NM	NA	NA	661.32	661.32
MW-69	670.27	15.0-20.0	04/20/17	NP	9.71	19.91	NA	NA	660.56	660.56
			07/24/17	NP	NM	NM	NA	NA	NM	NM
			11/06/17	NP	9.91	19.98	NA	NA	660.36	660.36
			02/05/18	NP	9.78	20.01	NA	NA	660.49	660.49
			05/07/18	NP	14.78	19.91	NA	NA	655.49	655.49
			08/16/18	NP	8.90	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
			08/17/20	NP	9.32	NM	NA	NA	660.95	660.95
MW-70	671.36	15.0-20.0	04/20/17	NP	11.46	20.14	NA	NA	659.90	659.90
			07/24/17	NP	11.02	20.18	NA	NA	660.34	660.34
			11/06/17	NP	10.23	20.15	NA	NA	661.13	661.13
			02/05/18	NP	10.74	20.12	NA	NA	660.62	660.62
			05/07/18	NP	9.72	20.13	NA	NA	661.64	661.64
			08/16/18	NP	9.67	NM	NA	NA	661.69	661.69
			11/19/18	NP	10.40	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
			08/17/20	NP	10.93	NM	NA	NA	660.43	660.43
MW-71	671.04	15.0-20.0	04/20/17	NP	12.45	20.16	NA	NA	658.59	658.59
			07/24/17	NP	11.84	20.22	NA	NA	659.20	659.20
			11/06/17	NP	10.74	20.21	NA	NA	660.30	660.30
			02/05/18	NP	11.13	20.18	NA	NA	659.91	659.91
			05/07/18	NP	10.23	20.35	NA	NA	660.81	660.81
			08/16/18	NP	9.79	NM	NA	NA	661.25	661.25
			11/19/18	NP	11.03	20.14	NA	NA	660.01	660.01
			02/22/19	NP	11.66	20.24	NA	NA	659.38	659.38
			06/14/19	NP	10.91	20.15	NA	NA	660.13	660.13
			09/26/19	NP	11.12	20.17	NA	NA	659.92	659.92
			11/04/19	NP	11.84	20.15	NA	NA	659.20	659.20
			02/05/20	NP	12.59	NM	NA	NA	658.45	658.45
			04/01/20	NP	12.99	NM	NA	NA	658.05	658.05
			05/18/20	NP	12.89	20.16	NA	NA	658.15	658.15
			08/17/20	NP	11.56	NM	NA	NA	659.48	659.48

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-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
			08/17/20	NP	4.74	NM	NA	NA	667.70	667.70
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
			08/17/20	NM[6]	NM[6]	NM[6]	NA[6]	NA[6]	NM[6]	NM[6]
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
			08/17/20	NP	6.12	NM	NA	NA	664.23	664.23
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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	9.22	NM	NA	NA	661.25	661.25
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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NM[6]	NM[6]	NM[6]	NA[6]	NA[6]	NM[6]	NM[6]
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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	2.42	NM	NA	NA	670.05	670.05
MW-194S	672.67	2.0-7.0	11/20/19	NP	2.58	6.53	NA	NA	670.09	670.09
			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
			08/17/20	NP	2.61	NM	NA	NA	670.06	670.06
MW-195S	671.99	2.0-7.0	11/20/19	NP	1.98	6.20	NA	NA	670.01	670.01
			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
			08/17/20	NP	1.97	NM	NA	NA	670.02	670.02
MW-196	672.75	12.0-17.0	11/20/19	NP	2.24	17.14	NA	NA	670.51	670.51
			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
			08/17/20	NP	2.29	NM	NA	NA	670.46	670.46
MW-196S	673.01	2.0-7.0	11/20/19	NP	2.50	6.55	NA	NA	670.51	670.51
			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
			08/17/20	NP	2.53	NM	NA	NA	670.48	670.48
MW-197S	675.93	3.0-8.0	11/25/19	NP	5.02	7.40	NA	NA	670.91	670.91
			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
			08/17/20	NP	5.10	NM	NA	NA	670.83	670.83
MW-198	675.37	12.0-17.0	11/25/19	NP	4.28	16.52	NA	NA	671.09	671.09
			02/05/20	NP	3.57	NM	NA	NA	671.80	671.80
			05/18/20	NM[5]	NM[5]	NM[5]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NM[6]	NM[6]	NM[6]	NA[6]	NA[6]	NM[6]	NM[6]
MW-198S	675.41	2.5-7.5	11/20/19	NP	4.35	7.10	NA	NA	671.06	671.06
			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
			08/17/20	NP	4.25	NM	NA	NA	671.16	671.16
MW-199S	672.10	2.0-7.0	11/25/19	NP	1.97	5.82	NA	NA	670.13	670.13
			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
			08/17/20	NP	1.98	NM	NA	NA	670.12	670.12
MW-200	672.42	15.0-20.0	11/21/19	NP	6.41	18.80	NA	NA	666.01	666.01
			02/05/20	NP	5.85	NM	NA	NA	666.57	666.57
			05/18/20	NM[5]	NM[5]	NM[5]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	6.34	NM	NA	NA	666.08	666.08
MW-200S	672.54	5.0-10.0	11/21/19	NP	6.35	9.58	NA	NA	666.19	666.19
			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
			08/17/20	NP	6.26	NM	NA	NA	666.28	666.28
MW-201	672.22	17.0-22.0	11/19/19	NP	5.02	21.47	NA	NA	667.20	667.20
			02/05/20	NP	4.70	NM	NA	NA	667.52	667.52
			05/18/20	NM[5]	NM[5]	NM[5]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	4.98	NM	NA	NA	667.24	667.24
MW-201S	672.30	3.5-8.5	11/19/19	NP	5.16	8.13	NA	NA	667.14	667.14
			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
			08/17/20	NP	5.15	NM	NA	NA	667.15	667.15
MW-208S	671.39	9.0-14.0	02/05/20	NP	10.07	14.00[4]	NA	NA	661.32	661.32
			05/18/20	NP	10.09	15.59	NA	NA	661.30	661.30
			08/17/20	NP	10.36	NM	NA	NA	661.03	661.03
MW-209S	670.88	8.0-13.0	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
			08/17/20	NP	9.80	NM	NA	NA	661.08	661.08
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
			08/17/20	NP	9.85	NM	NA	NA	661.23	661.23
MW-211S	669.85	7.0-12.0	02/05/20	NP	7.91	12.00[4]	NA	NA	661.94	661.94
			05/18/20	NP	7.76	11.85	NA	NA	662.09	662.09
			08/17/20	NP	8.73	NM	NA	NA	661.12	661.12
MW-212S	669.45	6.5-11.5	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
			08/17/20	NP	8.32	NM	NA	NA	661.13	661.13

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-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
			08/17/20	NP	8.08	NM	NA	NA	661.02	661.02
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
			08/17/20	NP	10.38	NM	NA	NA	661.30	661.30
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
			08/17/20	NP	7.47	NM	NA	NA	662.16	662.16
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
			08/17/20	NP	8.15	NM	NA	NA	664.23	664.23
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
			08/17/20	NP	6.46	NM	NA	NA	666.39	666.39
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
			08/17/20	NP	6.16	NM	NA	NA	665.61	665.61
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
			08/17/20	NP	8.87	NM	NA	NA	668.09	668.09
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
			08/17/20	NP	8.55	NM	NA	NA	661.68	661.68
PW-16-02	669.97	6.0-21.0	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
			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
			08/17/20	NP	6.25	NM	NA	NA	663.72	663.72
TW-16-01	669.53	12.0-17.0	07/24/17	NP	8.36	16.80	NA	NA	661.17	661.17
			11/06/17	NP	7.68	16.64	NA	NA	661.85	661.85
			02/05/18	NP	7.91	16.87	NA	NA	661.62	661.62
			05/07/18	NP	6.87	16.64	NA	NA	662.66	662.66
			08/16/18	NP	6.78	NM	NA	NA	662.75	662.75
			11/19/18	NP	7.14	NM	NA	NA	662.39	662.39
			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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	7.77	NM	NA	NA	661.76	661.76
TW-16-02	669.43	12.0-17.0	04/20/17	NP	4.48	18.85	NA	NA	664.95	664.95
			07/24/17	NP	8.00	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
			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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	7.60	NM	NA	NA	661.83	661.83
TW-16-03	669.34	9.0-19.0	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
			05/18/20	NM[5]	NM[5]	NM[5]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	4.60	NM	NA	NA	664.74	664.74

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)
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]	NA[5]	NA[5]	NM[5]	NM[5]
			08/17/20	NP	5.00	NM	NA	NA	664.80	664.80
PZ-01	670.88	15.0-20.0	02/22/19	NP	8.64	19.42	NA	NA	662.24	662.24
			06/14/19	NP	7.84	19.42	NA	NA	663.04	663.04
			09/26/19	NP	9.57	19.43	NA	NA	661.31	661.31
			11/04/19	NP	9.07	19.43	NA	NA	661.81	661.81
			02/05/20	NP	8.44	NM	NA	NA	662.44	662.44
			04/01/20	NP	8.44	NM	NA	NA	662.44	662.44
			05/18/20	NP	8.25	19.44	NA	NA	662.63	662.63
			08/17/20	NP	9.35	NM	NA	NA	661.53	661.53
PZ-02	670.67	15.0-20.0	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
			05/18/20	NP	8.68	19.71	NA	NA	661.99	661.99
			08/17/20	NP	9.24	NM	NA	NA	661.43	661.43
PZ-03	670.62	15.0-20.0	02/22/19	NP	9.23	19.68	NA	NA	661.39	661.39
			06/14/19	NP	8.31	19.68	NA	NA	662.31	662.31
			09/26/19	NP	9.48	19.67	NA	NA	661.14	661.14
			11/04/19	NP	9.49	19.68	NA	NA	661.13	661.13
			02/05/20	NP	9.35	NM	NA	NA	661.27	661.27
			04/01/20	NP	9.43	NM	NA	NA	661.19	661.19
			05/18/20	NP	9.24	19.69	NA	NA	661.38	661.38
			08/17/20	NP	9.53	NM	NA	NA	661.09	661.09
PZ-04	671.03	16.0-21.0	02/22/19	NP	10.18	19.75	NA	NA	660.85	660.85
			06/14/19	NP	9.26	20.73	NA	NA	661.77	661.77
			09/26/19	NP	10.56	20.77	NA	NA	660.47	660.47
			11/04/19	NP	12.22	19.74[3]	NA	NA	658.81	658.81
			02/05/20	NP	10.12	NM	NA	NA	660.91	660.91
			05/18/20	NP	10.67	20.64	NA	NA	660.36	660.36
			08/17/20	NP	10.25	NM	NA	NA	660.78	660.78
PZ-05	670.92	15.0-20.0	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
			02/05/20	NP	10.85	NM	NA	NA	660.07	660.07
			04/01/20	NP	11.15	NM	NA	NA	659.77	659.77
			05/18/20	NP	11.03	19.63	NA	NA	659.89	659.89
			08/17/20	NP	10.40	NM	NA	NA	660.52	660.52
PZ-06	671.82	16.0-21.0	02/22/19	NP	10.85	20.97	NA	NA	660.97	660.97
			06/14/19	NP	9.37	20.98	NA	NA	662.45	662.45
			09/26/19	NP	9.94	20.97	NA	NA	661.88	661.88
			11/04/19	NP	9.53	20.92	NA	NA	662.29	662.29
			02/05/20	NP	10.06	NM	NA	NA	661.76	661.76
			04/01/20	NP	10.00	NM	NA	NA	661.82	661.82
			05/18/20	NP	9.64	20.98	NA	NA	662.18	662.18
			08/17/20	NP	10.10	NM	NA	NA	661.72	661.72
PZ-07	670.87	15.0-20.0	02/22/19	NP	9.49	19.78	NA	NA	661.38	661.38
			06/14/19	NP	8.41	19.79	NA	NA	662.46	662.46
			09/26/19	NP	9.09	19.79	NA	NA	661.78	661.78
			11/04/19	NP	8.73	19.77	NA	NA	662.14	662.14
			02/05/20	NP	9.11	NM	NA	NA	661.76	661.76
			04/01/20	NP	9.11	NM	NA	NA	661.76	661.76
			05/18/20	NP	8.77	19.79	NA	NA	662.10	662.10
			08/17/20	NP	9.22	NM	NA	NA	661.65	661.65
PZ-08	668.62	15.0-20.0	02/22/19	NP	5.85	19.50	NA	NA	662.77	662.77
			06/14/19	NP	5.31	19.85	NA	NA	663.31	663.31
			09/26/19	NP	7.01	19.88	NA	NA	661.61	661.61
			11/04/19	NP	6.18	19.85	NA	NA	662.44	662.44
			02/05/20	NP	5.46	NM	NA	NA	663.16	663.16
			04/01/20	NP	5.42	NM	NA	NA	663.20	663.20
			05/18/20	NP	5.28	19.84	NA	NA	663.34	663.34
			08/17/20	NP	6.55	NM	NA	NA	662.07	662.07

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
			08/17/20	NP	10.15	NM	NA	NA	661.76	661.76
PZ-10	671.42	15.0-20.0	02/22/19	NP	10.39	19.76	NA	NA	661.03	661.03
			06/14/19	NP	9.59	19.77	NA	NA	661.83	661.83
			09/26/19	NP	10.13	19.78	NA	NA	661.29	661.29
			11/04/19	NP	9.93	19.77	NA	NA	661.49	661.49
			02/05/20	NP	10.19	NM	NA	NA	661.23	661.23
			04/01/20	NP	9.75	NM	NA	NA	661.67	661.67
			05/18/20	NP	9.95	17.71	NA	NA	661.47	661.47
			08/17/20	NP	10.00	NM	NA	NA	661.42	661.42
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
			08/17/20	NP	10.44	NM	NA	NA	660.62	660.62
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
			08/17/20	NP	11.49	NM	NA	NA	659.80	659.80
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
			08/17/20	NP	10.06	NM	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
			08/17/20	NP	7.57	NM	NA	NA	662.69	662.69
PZ-15	669.28	13.0-18.0	06/14/19	NP	5.56	17.32	NA	NA	663.72	663.72
			09/26/19	NP	7.34	17.28	NA	NA	661.94	661.94
			11/04/19	NP	6.41	17.24	NA	NA	662.87	662.87
			02/05/20	NP	5.73	NM	NA	NA	663.55	663.55
			04/01/20	NP	5.54	NM	NA	NA	663.74	663.74
			05/18/20	NP	5.46	17.27	NA	NA	663.82	663.82
			08/17/20	NP	6.75	NM	NA	NA	662.53	662.53

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 repairs.

[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 second quarter of 2020.

[6] Monitoring well not measured during third quarter of 2020. Well inaccessible.

* 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
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	LMW-20-11 5-15		LMW-20-12 7-17		LMW-20-13 6-16		LMW-20-14 6-16		LMW-20-15 7.5-17.5		LMW-20-16 7.5-17.5		LMW-20-18 6.5-16.5		LMW-20-20 4-14		LMW-20-21 7-17		LMW-20-22 6.5-16.5		LMW-20-23 5-15		LMW-20-24 2-12		LMW-20-25 2-12		LMW-20-26 5-15	
			3/12/2020	8/11/2020	3/10/2020	8/12/2020	3/10/2020	8/12/2020	3/10/2020	8/12/2020	3/13/2020	8/11/2020	3/12/2020	8/11/2020	3/13/2020	8/10/2020	3/13/2020	8/10/2020	3/12/2020	8/12/2020	3/13/2020	8/12/2020	3/13/2020	8/10/2020	6/11/2020	8/11/2020	6/11/2020	8/12/2020	6/11/2020	8/10/2020
Semi-volatile Organic Compounds (SVOCs)																														
1,4-Dioxane	µg/l	350	< 2.0	1.0 J	< 2.0	< 2.0	< 2.0	1.9 J	< 2.0	< 2.0	1.0 J	< 2.0	1.8 J	1.8 J	12 J	11 J	< 2.0	< 2.0	1.2 J	1.4 J	2.4	2.4	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.3 J	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																														
1,1,1-Trichloroethane	µg/l	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	< 10	< 5.0	< 10	< 5.0	< 1,000	< 1,000	< 1.0	< 1.0	< 1.0	< 1.0	< 3.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.86 J	1.8 J	< 2.5	< 5.0
1,2,3-Trimethylbenzene	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	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	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	NA	NA
Benzene	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	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
Carbon Tetrachloride	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	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
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	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	NA	NA
Chlorodibromomethane	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	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	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0 UB	< 1.0	1.1	0.88 J	0.18 J	< 1.0	0.30 J	< 1.0	**180**	**170**	**340**	**75**	**23,000**	**12,000**	< 1.0	< 1.0	1.0	0.68 J	14	25	< 1.0	< 1.0	0.52 J	0.86 J	65	**95**	54	**130**
cis-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	NA	NA
Cyclohexane	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	NA	NA
Dichloromethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/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
Ethylbenzene	µg/l	74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	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
Methyl Acetate	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	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	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	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	LMW-20-11 5-15		LMW-20-12 7-17		LMW-20-13 6-16		LMW-20-14 6-16		LMW-20-15 7.5-17.5		LMW-20-16 7.5-17.5		LMW-20-18 6.5-16.5		LMW-20-20 4-14		LMW-20-21 7-17		LMW-20-22 6.5-16.5		LMW-20-23 5-15		LMW-20-24 2-12		LMW-20-25 2-12		LMW-20-26 5-15	
			3/12/2020	8/11/2020	3/10/2020	8/12/2020	3/10/2020	8/12/2020	3/10/2020	8/12/2020	3/13/2020	8/11/2020	3/12/2020	8/11/2020	3/13/2020	8/10/2020	3/13/2020	8/10/2020	3/12/2020	8/12/2020	3/13/2020	8/12/2020	3/13/2020	8/10/2020	6/11/2020	8/11/2020	6/11/2020	8/12/2020	6/11/2020	8/10/2020
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	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	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 5.0	< 10	< 5.0	< 1,000	< 1,000	< 1.0	< 1.0	< 1.0	< 1.0	< 3.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**32**	**18**	< 2.5	< 5.0
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	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	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.32 J	< 1.0	13	17	< 10	2.6 J	< 1,000	< 1,000	< 1.0	< 1.0	< 1.0	< 1.0	1.0 J	2.1	< 1.0	< 1.0	< 1.0	< 1.0	3.7	7.3	0.55 J	< 5.0
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	NA	NA
Trichloroethene	µg/l	5.0	0.11 J	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0 UB	0.56 J	**82**	**83**	**32**	**47**	**30,000 J**	**19,000**	< 1.0	< 1.0	0.14 J	< 1.0	2.5 J	0.65 J	< 1.0	< 1.0	< 1.0	< 1.0	**12**	**28**	0.76 J	< 5.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	0.83 J	**3.5**	< 1.0	< 1.0	< 1.0	< 1.0	**22**	**19**	**210**	**46**	**1,500**	**910 J**	< 1.0	< 1.0	1.1	0.59 J	**56**	**35**	< 1.0	< 1.0	< 1.0	< 1.0	**2.3 J**	**6.2**	**53**	**73**
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

See Notes on Last Page.

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

Location:			LMW-20-27		LMW-20-28		MW-1											MW-2												
Screen Interval (ft. bgs):			5-15		4.5-14.5		14-19											15.5-20.5												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	6/11/2020	8/10/2020	7/10/2020	8/12/2020	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	8/25/2020	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	8/19/2020
Semi-volatile Organic Compounds (SVOCs)																														
1,4-Dioxane	µg/l	350	1.4 J	1.6 J	1.0 J	1.2 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	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	4.4
Volatile Organic Compounds (VOCs)																														
1,1,1-Trichloroethane	µg/l	200	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 2.5	< 8.0	< 1.0	< 1.0	< 1.0	< 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	< 250
1,2,3-Trimethylbenzene	µg/l	NS	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 130	< 250	< 330	< 330	< 130	< 710	< 250	< 500	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.33 J	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.37 J	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	NA	NA	NA	NA	< 10	1.0 J	< 10	< 10	< 10	< 10	3.8 J	NA	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	1.2 J	NA	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	NA	NA	NA	NA	< 10	< 10 UB	< 10	< 10 UB	< 10	< 10	28	NA	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Bromoform	µg/l	80	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 130	< 250	< 330	< 330	< 130	< 710	< 250	< 500	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	64	**160**	0.64 J	0.79 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	**630**	**1,200**	**1,000**	**1,400**	**1,700 J**	**2,300**	**1,900**	**2,600**	**3,400**	**3,800**	**3,000**	**3,100**	**3,200**	**4,100**
cis-1,3-Dichloropropene	µg/l	NS	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Dichloromethane	µg/l	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	< 130	< 250	< 330	< 330	< 130	< 710	< 250	< 500	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 50	< 100	< 130	< 130	< 50	< 290	< 100	< 200	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	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:			LMW-20-27		LMW-20-28		MW-1											MW-2												
Screen Interval (ft. bgs):		EGLE Non-Residential Drinking Water Criteria	5-15		4.5-14.5		14-19											15.5-20.5												
Date:	Unit		6/11/2020	8/10/2020	7/10/2020	8/12/2020	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	8/25/2020	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	8/19/2020
Methyl-tert-butyl ether	µg/l	40	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 2.5	< 8.0	< 1.0	< 1.0	< 1.0	< 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	< 250
Toluene	µg/l	790	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 50	< 100	< 130	< 130	< 50	< 290	< 100	< 200	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	2.2 J	< 8.0	< 1.0	< 1.0	< 1.0	< 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**	**980**
trans-1,3-Dichloropropene	µg/l	NS	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	**55.0**	**69.0**	< 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	< 25	< 50	< 67	< 67	< 25	< 140	**8.2 J**	< 100 J	< 100	**27 J**	3.4 J	< 100	< 100	< 250
Vinyl chloride	µg/l	2.0	**11**	**11**	< 1.0	< 1.0	< 1.0	< 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**	**200 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	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	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	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	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	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	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	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	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	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	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	NA	NA

See Notes on Last Page.

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

Location:			MW-3														MW-4												
Screen Interval (ft. bgs):			14-19														15.5-20.5												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/19/2020	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	8/19/2020
Semi-volatile Organic Compounds (SVOCs)																													
1,4-Dioxane	µg/l	350	0.67 J	< 2.0 UB	0.57 J	< 2.0	0.50 J	1.4 J	1.3 J	1.0 J	1.8 J	1.5 J	1.1 J	1.5 J	1.4 J	1.8 J	1.1 J	< 2.0 UB	< 20	0.38 J	0.76 J	< 200	< 200	< 200	1.9 J	1.8 J	< 10	< 20	< 20	1.4 J
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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	< 1,000	< 1,700	< 100	< 1,300	< 1,300	< 710
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	NA	< 5,000	< 5,000	< 5,000	< 8,300	< 5,000 J	< 5,000	< 2,500	< 10,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	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 J	NA	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	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	0.21 J	NA	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	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 10,000	< 10,000	< 10,000	< 17,000	< 10,000 J	< 10,000	< 5,000	< 20,000 J	NA	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	NA	< 10,000	< 10,000	< 10,000	< 17,000	< 10,000 J	< 10,000	< 5,000	< 20,000 J	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA	< 10,000	< 10,000	< 10,000	< 17,000	< 10,000 J	< 10,000	< 5,000	< 20,000 J	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	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 J	NA	NA	NA	NA	NA	NA	< 5,000	< 5,000	< 5,000	< 8,300	< 5,000 J	< 5,000	< 2,500	< 10,000 J	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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 J	NA	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	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	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	0.23 J	0.25 J	< 1.0	< 1.0	< 1.0	< 1.0	**32,000**	**27,000**	**21,000**	**26,000**	**21,000 J**	**22,000**	**24,000**	**21,000**	**6,400**	**18,000**	**18,000**	**16,000**	**21,000**	**16,000**
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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 5,000	< 5,000	< 5,000	< 8,300	< 5,000 J	< 5,000	< 2,500	< 10,000	NA	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 J	NA	NA	NA	NA	NA	NA	< 2,000	< 2,000	< 2,000	< 3,300	< 2,000 J	< 2,000	< 1,000	< 4,000 J	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA	< 10,000	< 10,000	< 10,000	< 17,000	< 10,000 J	< 10,000	< 5,000	< 20,000 J	NA	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	NA	< 10,000	< 10,000	< 10,000	< 17,000	< 10,000 J	< 10,000	< 5,000	< 20,000 J	NA	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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	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:			MW-3														MW-4													
Screen Interval (ft. bgs):			14-19														15.5-20.5													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/19/2020	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	8/19/2020
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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	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	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	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	< 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	< 710
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	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	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	< 2,000	< 2,000	< 2,000	< 3,300	< 2,000 J	< 2,000	< 1,000	< 4,000	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	**1,200**	**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**	**610 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	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	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	< 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**	**24,000**
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	< 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**	**1,300**
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	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

See Notes on Last Page.

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

Location:			MW-5													MW-7											
Screen Interval (ft. bgs):			15.5-20.5													18-23											
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/19/2020	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	8/14/2020
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	< 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	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	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
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	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	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
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	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	< 1.0	< 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	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	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
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	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	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
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	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	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
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	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	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
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	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	0.26 J	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.36 J	< 1.0	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.73 J	< 1.0	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
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	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	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	< 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	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
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	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
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
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	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	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
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	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	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
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
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	< 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
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	NA	< 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	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
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	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
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	< 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	NA	NA	NA	NA	NA	NA	< 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	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

See Notes on Last Page.

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

Location:			MW-5													MW-7											
Screen Interval (ft. bgs):			15.5-20.5													18-23											
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/19/2020	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	8/14/2020
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	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	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
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	< 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	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	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
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	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
Trichloroethene	µg/l	5.0	< 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	< 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	< 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

See Notes on Last Page.

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

Location:			MW-9												MW-10													
Screen Interval (ft. bgs):			19.5-24.5												16.5-21.5													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/14/2020	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	8/20/2020
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	4.6	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	3.8
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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	< 100	< 200	< 10	< 200	< 200	< 330
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	< 250	< 330	< 500	< 1,000	< 500	< 710	< 1,300	< 500	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	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	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.28 J	< 1.0	NA	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	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	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	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	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	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	NA	< 250	< 330	< 500	< 1,000	< 500	< 710	< 1,300	< 500 J	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	< 100	< 200	6.4 J	< 200	< 200	< 330
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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	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	< 250	< 330	< 500	< 1,000	< 500	< 710	< 1,300	< 500	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	NA	NA	NA	NA	NA	< 100	< 130	< 200	< 400	< 200	< 290	< 500	< 200 J	NA	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	NA	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	NA	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	NA	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	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:			MW-9												MW-10													
Screen Interval (ft. bgs):			19.5-24.5												16.5-21.5													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/14/2020	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	8/20/2020
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	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	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	NA	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	< 100	< 200	< 10	< 200	< 200	< 330
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	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	NA	NA	NA	NA	NA	< 100	< 130	< 200	< 400	< 200	< 290	< 500	< 200	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	< 100	< 200	< 10	< 200	< 200	< 330
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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	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	< 50	< 67	< 100	< 200	< 100	< 140	< 250	**14 J**	< 100	< 200	< 10	< 200	< 200	< 330
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	0.95 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**	**5,500**
Gases																												
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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

See Notes on Last Page.

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

Location:			MW-14												MW-15-59D												
Screen Interval (ft. bgs):		EGLE Non-Residential Drinking Water Criteria	15-20												94-99												
Date:	Unit		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	8/13/2020	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	8/21/2020
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	< 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	< 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	< 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 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-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	< 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	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	< 1.0	< 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
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	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	< 1.0	< 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
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	< 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 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
1,2-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	< 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	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	< 1.0	< 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
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	< 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	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.36 J	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	< 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	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	< 10	< 10	< 10	< 10	< 10	< 10 J	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	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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 UB	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 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	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	< 1.0	< 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
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	< 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	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	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	< 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	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	< 1.0	< 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
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	< 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	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	< 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
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	< 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	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
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	< 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	< 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	NA	NA	NA	NA	NA	0.86 J	0.58 J	0.62 J	0.76 J	0.69 J	0.43 J	0.34 J	0.62 J	NA	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	< 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	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
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	< 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	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
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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 J	NA	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	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 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:			MW-14												MW-15-59D											
Screen Interval (ft. bgs):			15-20												94-99											
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/13/2020	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	8/21/2020
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	< 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	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	NA	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	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	0.25 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.28 J	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	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	< 1.0 UB	< 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	< 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

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

Location:			MW-15-60D													MW-15-61D												
Screen Interval (ft. bgs):			93-98													88-93												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/21/2020	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	8/15/2020
Semi-volatile Organic Compounds (SVOCs)																												
1,4-Dioxane	µg/l	350	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	< 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 J	< 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	< 1.0	< 1.0	< 1.0 J	< 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	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0 J	< 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	< 1.0	< 1.0	< 1.0 J	< 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	< 1.0	< 1.0	< 1.0 J	< 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-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	< 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 J	< 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	< 1.0	< 1.0	< 1.0 J	< 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	< 1.0	< 1.0	< 1.0 J	< 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	< 1.0	< 1.0	< 1.0 J	< 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	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0 J	< 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	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0 J	< 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	< 1.0	< 1.0	< 1.0 J	< 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	< 1.0	< 1.0	< 1.0 J	< 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	< 1.0	< 1.0	< 1.0 J	< 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	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	0.38 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	< 1.0	< 1.0	< 1.0 J	< 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	< 10	< 10 J	< 10	< 10	< 10	< 10	< 10	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	< 10	< 10	< 10 J	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10 J	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	12	< 10	< 10	< 10 J	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	0.57 J	< 1.0	< 1.0	< 1.0	< 1.0	0.25 J	< 1.0	< 1.0	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0 J	< 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	< 1.0	< 1.0	< 1.0 J	< 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
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0 J	< 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
Carbon Disulfide	µg/l	2,300	0.51 J	< 5.0	< 5.0 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	0.91 J	0.58 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0 J	< 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	< 1.0	< 1.0	< 1.0 J	< 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	< 1.0	< 1.0	< 1.0 J	< 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
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0 J	< 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
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0 J	< 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	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0 J	< 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	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0 J	< 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
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	< 1.0	< 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 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	< 1.0	< 1.0
cis-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	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 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	0.48 J	< 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 J	< 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
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0 J	< 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 J	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	0.50 J	< 1.0	< 1.0	< 1.0	0.12 J	< 1.0	< 1.0	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0 J	< 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
Methyl Acetate	µg/l	NS	< 10	< 10	< 10 J	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10 J	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0 J	< 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 UB	< 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:			MW-15-60D													MW-15-61D												
Screen Interval (ft. bgs):			93-98													88-93												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/21/2020	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	8/15/2020
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	NA	0.27 J	< 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 J	< 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 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	< 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	NA	< 1.0	0.28 J	< 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 J	< 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 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	< 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	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 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	< 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	< 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

See Notes on Last Page.

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

Location:			MW-18													MW-19										
Screen Interval (ft. bgs):			13-18													15-20										
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/24/2020	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	8/18/2020
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	120	130	140	130	150	170	190	350	290	**540**	**580**
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	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	< 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	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	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	< 1.0	< 1.0	NA	NA	NA	NA	NA	6.3	4.8	3.6	4.7	6.6	5.8	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
1,2,3-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	NA	< 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	NA	< 1.0	< 1.0	< 1.0	0.26 J	< 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	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	NA	< 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	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	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	NA	0.49 J	0.52 J	0.36 J	0.48 J	0.47 J	0.47 J	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	< 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	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	0.24 J	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	0.34 J	< 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	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 J	NA	NA	NA	NA	NA	< 10	< 10	< 10	1.3 J	< 10	< 10	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	< 10	< 10	< 10	0.87 J	< 10	< 10	NA	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 UB	5.6 J	< 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	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	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 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	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 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	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	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	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	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	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	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	NA	NA	NA	NA	NA	8.9	6.5	1.7	< 1.0	4.1	< 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	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	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	0.45 J	< 1.0	< 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	0.74 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	< 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	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	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	< 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	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	< 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	NA	< 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 J	NA	NA	NA	NA	NA	< 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 J	NA	NA	NA	NA	NA	< 10	< 10	< 10	1.1 J	< 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	NA	< 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:		EGLE Non-Residential Drinking Water Criteria	MW-18													MW-19										
Screen Interval (ft. bgs):			13-18													15-20										
Date:	Unit		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	8/24/2020	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	8/18/2020
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	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	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	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	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	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	1.1	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	0.84 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	< 1.0	1.8	1.5	1.3	< 1.0	1.6	1.9	0.73 J	1.2	1.4	1.1	1.2
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

See Notes on Last Page.

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

Location:			MW-20										MW-21								
Screen Interval (ft. bgs):			13.5-18.5										13.5-18.5								
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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:		EGLE Non-Residential Drinking Water Criteria	MW-20										MW-21								
Screen Interval (ft. bgs):			13.5-18.5										13.5-18.5								
Date:	Unit		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

See Notes on Last Page.

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

Location:			MW-22														MW-23											
Screen Interval (ft. bgs):			16.5-21.5														15-20											
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/4/2020	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	8/4/2020
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	23	< 2.0 UB	< 20	< 20	< 2.0	< 200	< 200	< 2.0 UB	< 2.0 J	0.35 J	< 2.0	< 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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	< 67	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	< 1,000	< 2,500	**21 J**	< 200	< 330	< 330
1,2,3-Trimethylbenzene	µg/l	NS	< 310	< 500	< 250	< 710	< 330	< 250	< 500	< 250	NA	NA	NA	NA	NA	NA	< 5,000	< 10,000	< 5,000	< 500	< 13,000	< 13,000	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	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	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	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	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Bromoform	µg/l	80	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50 J	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 310	< 500	< 250	< 710	< 330	< 250	< 500	< 250	NA	NA	NA	NA	NA	NA	< 5,000	< 10,000	< 5,000	< 500	< 13,000	< 13,000	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	**130**	**210**	25 J	**200**	**180**	**310**	**180 J**	**190**	**120 J**	**390**	**230**	**110**	**100**	**160**	**21,000**	**78,000**	**33,000**	**2,400**	**43,000**	**66,000**	**23,000**	**43,000**	**15,000**	**4,800**	**9,800**	**11,000**
cis-1,3-Dichloropropene	µg/l	NS	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 310 UB	< 500	< 250	< 710 UB	< 330	< 250	< 500	< 250	NA	NA	NA	NA	NA	NA	< 5,000	< 10,000	< 5,000 UB	< 500	< 13,000	< 13,000	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 130	< 200	< 100	< 290	< 130	< 100	< 200	< 100	NA	NA	NA	NA	NA	NA	< 2,000	< 4,000	< 2,000	< 200	< 5,000	< 5,000	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 630	< 1,000	< 500	< 1,400	< 670	< 500	< 1,000	< 500	NA	NA	NA	NA	NA	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 630	< 1,000	< 500	< 1,400	< 670	< 500	< 1,000	< 500 J	NA	NA	NA	NA	NA	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	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:			MW-22														MW-23											
Screen Interval (ft. bgs):			16.5-21.5														15-20											
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/4/2020	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	8/4/2020
Methyl-tert-butyl ether	µg/l	40	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	< 67	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	< 1,000	< 2,500	< 50	< 200	< 330	< 330
Toluene	µg/l	790	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 130	< 200	< 100	< 290	< 130	< 100	< 200	< 100	NA	NA	NA	NA	NA	NA	< 2,000	< 4,000	< 2,000	< 200	< 5,000	< 5,000	NA	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	< 67	**1,200**	**4,100**	**1,800**	**180**	**2,300 J**	**3,000**	**1,000**	**1,600 J**	**500**	**200**	**430**	**420**
trans-1,3-Dichloropropene	µg/l	NS	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	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	< 67	**5,300**	**25,000**	**11,000**	**1,000**	**12,000**	**18,000**	**7,000**	**11,000**	**2,800**	**1,300**	**1,300**	**1,400**
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**	**1,000**	**1,100**	**2,400**	**820 J**	**77 J**	< 2,500	**1,600 J**	**670 J**	**1,600 J**	**380**	< 200	**550**	**220 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

See Notes on Last Page.

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

Location:			MW-24													MW-25												
Screen Interval (ft. bgs):			19-24													16-21												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/13/2020	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	8/13/2020
Semi-volatile Organic Compounds (SVOCs)																												
1,4-Dioxane	µg/l	350	< 2.0	< 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	0.75 J	< 2.0 UB	0.86 J	0.68 J	0.99 J	1.9 J	3.2	4.5	4.3	4.9	6.6	5.7	6.7
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	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	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	< 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	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	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	< 1.0
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	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	< 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 J	< 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	< 1.0	< 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
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	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	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	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	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	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.29 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	< 1.0	< 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
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	1.7 J	< 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	< 10	< 10	< 10	< 10	0.77 J	< 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	< 10	< 10	< 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	< 1.0	< 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
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	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	< 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	< 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
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	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	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	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	< 1.0	< 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
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	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 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	< 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
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	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	NA	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.16 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	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	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	< 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
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	< 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	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	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	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	0.88 J	< 10	< 10	NA	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	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:			MW-24													MW-25												
Screen Interval (ft. bgs):			19-24													16-21												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/13/2020	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	8/13/2020
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	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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 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
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	< 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

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

Location:		EGLE Non-Residential Drinking Water Criteria	MW-26											MW-28											
Screen Interval (ft. bgs):			4.5-14.5											2-12											
Date:	Unit		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	8/25/2020	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	8/20/2020
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 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.93 J	< 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	NA	NA	NA	NA	NA	28	26	25	24	37	35	15	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	NA	NA	NA	NA	NA	< 1.0	< 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	< 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	< 2.0	< 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	NA	NA	NA	NA	NA	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	NA	NA	NA	NA	NA	14	12	10	13	15	15	7.9	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	0.87 J	< 1.0	< 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	0.52 J
1,2,3-Trimethylbenzene	µg/l	NS	< 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	< 10	< 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	NA	NA	NA	NA	NA	< 1.0	< 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	< 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	< 2.0	< 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	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 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	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	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	NA	< 1.0	< 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	< 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	< 2.0	< 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	NA	NA	NA	NA	NA	< 1.0	< 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	< 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	< 2.0	< 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	NA	NA	NA	NA	NA	< 1.0	< 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	< 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	< 2.0	< 1.0	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 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	< 2.0	< 1.0	NA	NA	NA	NA	NA
Bromoform	µg/l	80	< 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	< 2.0	< 1.0 J	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	< 1.0	< 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	< 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	< 10	< 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	NA	NA	NA	NA	NA	< 1.0	< 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	< 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	< 2.0	< 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	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 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	< 2.0	< 1.0	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 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	< 2.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA
Chloroform	µg/l	80	< 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	< 2.0	< 1.0	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 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	1.1	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	0.63 J
cis-1,3-Dichloropropene	µg/l	NS	< 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	< 2.0	< 1.0	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 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	< 2.0	< 1.0	NA	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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	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	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 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	< 2.0	< 1.0	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 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	< 2.0	< 1.0	NA	NA	NA	NA	NA

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

Location:			MW-26											MW-28										
Screen Interval (ft. bgs):			4.5-14.5											2-12										
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/25/2020	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	8/20/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0
Toluene	µg/l	790	< 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	< 2.0	< 1.0	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	< 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	< 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	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 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	< 2.0	< 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	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	0.51 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	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	0.33 J	< 1.0	< 1.0	< 1.0	< 5.0	< 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

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

Location:			MW-29													MW-30													
Screen Interval (ft. bgs):			5-15													19-24													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/18/2020	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	8/15/2020
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	5.6	10	11	13	12	14	15	15	15	13	14	9.2	12	11	13
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	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	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	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.18 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	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	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	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 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	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 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	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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:			MW-29													MW-30													
Screen Interval (ft. bgs):			5-15													19-24													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/18/2020	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	8/15/2020
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	< 1.0 J	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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	< 1.0	< 1.0	< 1.0	< 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	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	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	< 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	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 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	< 1.0	< 1.0
Gases																													
Ethane	ug/l	NS	NA	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	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	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	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	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	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	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	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	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	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	NA	**70**	NA	**150**	NA	NA	NA	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:			MW-31														MW-32											
Screen Interval (ft. bgs):			17-22														18-23											
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/15/2020	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	8/17/2020
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	< 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	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	NA	NA	< 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	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 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	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
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	< 1.0
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	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	1.1	< 1.0	< 1.0	< 1.0	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
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	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	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
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	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	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	< 1.0	< 1.0	< 1.0	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
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	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	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	< 1.0	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
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	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	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	NA	NA	< 10	< 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	NA	NA	< 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	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	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	NA	NA	< 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	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
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	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	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	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
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	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	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	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	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
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	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	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.31 J	0.37 J	0.50 J	0.32 J	0.38 J	0.48 J	0.43 J	0.48 J	3.0	0.31 J	0.39 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	NA	< 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	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 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	NA	NA	< 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	NA	NA	< 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	NA	NA	< 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	NA	NA	< 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	NA	NA	< 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	NA	NA	< 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	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 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:			MW-31														MW-32											
Screen Interval (ft. bgs):			17-22														18-23											
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/15/2020	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	8/17/2020
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	< 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	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	< 1.0	< 1.0	< 1.0	< 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	< 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	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	< 1.0	< 1.0	< 1.0	< 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	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	0.68 J	0.84 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 UB	< 1.0	< 1.0	< 1.0	0.38 J	0.39 J	0.35 J	0.43 J	0.70 J	< 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

See Notes on Last Page.

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

Location:			MW-33												MW-34													
Screen Interval (ft. bgs):			14-19												16.5-21.5													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/14/2020	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	8/15/2020
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	8.3	6.1	6.6	7.4	4.9	7.6	6.7	6.9	5.6	7.2	5.5	5.7	4.2	6.2
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	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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 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	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	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0
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	< 5.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	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	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	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	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	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.32 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	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	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	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	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	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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 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	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 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	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	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	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	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0 J	< 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	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	0.37 J	0.35 J	< 1.0	< 1.0	0.33 J	0.44 J	0.32 J	< 1.0	0.64 J	0.66 J	0.39 J	0.40 J	0.62 J
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	< 1.0	NA	NA	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	< 1.0	NA	NA	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	< 5.0	NA	NA	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	< 2.0	NA	NA	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	< 1.0	NA	NA	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	< 1.0	NA	NA	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	< 10	NA	NA	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	< 10	NA	NA	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	< 1.0	NA	NA	NA	NA	NA	NA

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

Location:			MW-33												MW-34												
Screen Interval (ft. bgs):			14-19												16.5-21.5												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/14/2020	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	8/15/2020
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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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	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	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	< 1.0	< 1.0 J	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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	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	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	< 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	< 1.0	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 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
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	0.52 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	1.4
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

See Notes on Last Page.

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

Location:		EGLE Non-Residential Drinking Water Criteria	MW-35													MW-36											
Screen Interval (ft. bgs):			19.5-24.5													20-25											
Date:	Unit		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	8/15/2020	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	8/13/2020
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	4.4	< 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	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 J	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
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	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	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
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	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	< 1.0	< 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	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	0.26 J	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
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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 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 J	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
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	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	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
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	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	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
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	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	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
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	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	1.7 J	< 10	< 10 J	NA	NA	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	0.89 J	< 10	< 10 J	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA	< 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	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
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	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
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
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	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	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
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	NA	< 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	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
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
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	< 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	NA	< 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	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
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	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
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA	< 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	1.1 J	< 10	< 10 J	NA	NA	NA	NA	NA	NA	< 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	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

See Notes on Last Page.

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

Location:			MW-35													MW-36											
Screen Interval (ft. bgs):			19.5-24.5													20-25											
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/15/2020	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	8/13/2020
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	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	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
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	0.14 J	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
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	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
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	< 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	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	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	< 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**	**4.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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

See Notes on Last Page.

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

Location:			MW-37												MW-38												
Screen Interval (ft. bgs):		EGLE Non-Residential Drinking Water Criteria	18-23												15-20												
Date:	Unit		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	8/14/2020	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	8/14/2020
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	0.39 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	< 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	< 1.0	< 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	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	< 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	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	< 1.0	< 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
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	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	< 1.0	< 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
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	< 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	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	< 1.0	< 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	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	< 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	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	< 1.0	< 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
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	< 1.0	NA	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	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	< 1.0	< 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
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 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	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 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	< 1.0	< 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
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	< 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 J	NA	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	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	< 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	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	< 1.0	< 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	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	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	< 1.0	< 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
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	< 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	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
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	< 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	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
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 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	< 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	< 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	< 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	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
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	< 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	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
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	< 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	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
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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	< 10 J	NA	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	< 1.0	NA	NA	NA	NA	NA

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

Location:			MW-37												MW-38											
Screen Interval (ft. bgs):			18-23												15-20											
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/14/2020	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	8/14/2020
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	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	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	< 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	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	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	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 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
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	< 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

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

Location:			MW-39													MW-40										
Screen Interval (ft. bgs):			20-25													20-25										
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/24/2020	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	8/15/2020
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	< 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	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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
1,2,3-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	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	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	NA	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	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	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	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	2.7	3.2	2.3 J	2.4	2.6	2.2	2.8	3.2	2.5	2.6	3.3
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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	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	NA	< 10	< 10	< 10	< 10	< 10	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA

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

Location:		EGLE Non-Residential Drinking Water Criteria	MW-39													MW-40										
Screen Interval (ft. bgs):			20-25													20-25										
Date:	Unit		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	8/24/2020	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	8/15/2020
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	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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	< 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	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	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	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	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	0.49 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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	< 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	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	0.52 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

See Notes on Last Page.

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

Location:			MW-41														MW-42													
Screen Interval (ft. bgs):			16-21														16-21													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/15/2020	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	8/15/2020
Semi-volatile Organic Compounds (SVOCs)																														
1,4-Dioxane	µg/l	350	1.9 J	1.4 J	2.2	0.77 J	0.75 J	1.6 J	1.9 J	1.4 J	1.3 J	1.2 J	1.5 J	1.7 J	< 2.0	3.8	1.3 J	1.8 J	2.4	1.8 J	2.2	2.3	2.6	3.1	2.5	3.0	2.4	3.0	2.9	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.21 J	< 1.0	0.20 J	NA	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	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	< 1.0	< 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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	1.9	1.8	2.3	2.1	2.6	2.5	2.9	3.1	2.0	2.0	2.8	2.3	1.2	1.4	< 1.0	< 1.0	< 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	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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:			MW-41														MW-42													
Screen Interval (ft. bgs):			16-21														16-21													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/15/2020	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	8/15/2020
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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	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	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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	< 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	< 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	**2.3**	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	0.60 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	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

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

Location:			MW-43														MW-44													
Screen Interval (ft. bgs):			17-22														16-21													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/22/2020	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	8/4/2020
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	4.5	12	7.1	12	9.0	11	9.5	2.7	5.7	14	14	12	10	11	12
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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	< 5.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	< 1.0	< 10	< 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	NA	< 31	< 50	< 100	< 33	< 67	< 100	< 100	< 100	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	NA	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	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 31	< 50	< 100	< 33	< 67	< 100	< 100	< 100	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	< 5.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	0.28 J	< 10	2.2 J	< 10
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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 31 UB	< 50	< 100 UB	< 33 UB	**9.7 J**	< 100	< 100	< 100	NA	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	NA	< 13	< 20	< 40	< 13	< 27	< 40	< 40	< 40	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	NA	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	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	NA	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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	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:			MW-43													MW-44													
Screen Interval (ft. bgs):			17-22													16-21													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/22/2020	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	8/4/2020
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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	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	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	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	< 1.0	< 5.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	< 1.0	< 10	< 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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	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	< 13	< 20	< 40	< 13	< 27	< 40	< 40	< 40	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	< 5.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	< 1.0	< 10	< 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	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	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	< 1.0	< 5.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	< 1.0	< 10	< 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	< 5.0	**230**	**380**	**520**	**210**	**270**	**240**	**240**	**180**	**180**	**270**	**340**	**260 J**	**290**	**160**
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	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	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	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	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	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	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	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	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	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	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	NA	NA

See Notes on Last Page.

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

Location:			MW-45														MW-46													
Screen Interval (ft. bgs):			15-20														16-21													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/7/2020	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	8/10/2020
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	1.3 J	21	< 2.0 UB	3.7	11	13	8.5	7.0	3.0	11	4.8	7.7	2.7	3.4	4.1
Volatile Organic Compounds (VOCs)																														
1,1,1-Trichloroethane	µg/l	200	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	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	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	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	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	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	NA
1,1-Dichloroethene	µg/l	7.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	< 25	< 25	0.37 J	< 25	< 25	< 100	< 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	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 2,500	< 2,500	< 330	< 500	< 330	< 170	< 50	< 83	NA	NA	NA	NA	NA	NA	< 25	< 5.0	< 13	< 5.0	< 8.4	< 5.0	< 5.0	< 5.0	NA	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	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
1,2-Dichloroethane	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
1,2-Dichloropropane	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
1,3,5-Trimethylbenzene	µg/l	72	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
1,3-Dichlorobenzene	µg/l	19	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
1,4-Dichlorobenzene	µg/l	75	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	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	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10 J	NA	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	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10 J	NA	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	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Bromodichloromethane	µg/l	80	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Bromoform	µg/l	80	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	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	NA
Bromomethane	µg/l	29	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Carbon Disulfide	µg/l	2,300	< 2,500	< 2,500	< 330	< 500	< 330	< 170	< 50	< 83	NA	NA	NA	NA	NA	NA	< 25	< 5.0	< 13	< 5.0	< 8.4	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0 J	< 1.0	NA	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	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Chlorodibromomethane	µg/l	80	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	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	NA
Chloroethane	µg/l	1,700	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Chloroform	µg/l	80	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Chloromethane	µg/l	1,100	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
cis-1,2-Dichloroethene	µg/l	70	**10,000**	**8,100**	**2,100**	**1,800**	**1,200**	**1,000**	**640**	**340 J**	**310**	**160**	**150**	**260**	**110**	**740**	21	15	22	14	6.0	11	4.6	1.4	4.0	5.0	5.5	2.7	3.1	6.8
cis-1,3-Dichloropropene	µg/l	NS	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Cyclohexane	µg/l	NS	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Dichloromethane	µg/l	5.0	**330 J**	< 2,500	< 330	< 500	< 330	< 170	< 50	< 83	NA	NA	NA	NA	NA	NA	< 25 UB	< 5.0	< 13	< 5.0	< 8.4	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 1,000	< 1,000	< 130	< 200	< 130	< 67	< 20 UB	< 33	NA	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	NA
Ethylbenzene	µg/l	74	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Isopropylbenzene	µg/l	2,300	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Methyl Acetate	µg/l	NS	< 5,000	< 5,000	< 670	< 1,000	< 670	< 330	< 100	< 170	NA	NA	NA	NA	NA	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 5,000	< 5,000	< 670	< 1,000	< 670	< 330	< 100	< 170 J	NA	NA	NA	NA	NA	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA

See Notes on Last Page.

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

Location:			MW-45														MW-46													
Screen Interval (ft. bgs):			15-20														16-21													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/7/2020	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	8/10/2020
Methyl-tert-butyl ether	µg/l	40	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Styrene (Monomer)	µg/l	100	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Tetrachloroethene	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	< 25	< 25	< 1.0	< 25	< 25	< 100	< 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	< 1.0
Toluene	µg/l	790	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Total Xylenes	µg/l	280	< 1,000	< 1,000	< 130	< 200	< 130	< 67	< 20	< 33	NA	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	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	< 100	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	0.64 J
trans-1,3-Dichloropropene	µg/l	NS	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	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	NA
Trichloroethene	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	2.7 J	< 17	< 25	< 25	< 1.0	< 25	< 25	< 100	< 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	< 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**	**1,400**	**150**	**13**	**57**	**38**	**30**	**66**	**32**	**17**	**87**	**20**	**32**	**17**	**47**	**40**
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

See Notes on Last Page.

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

Location:			MW-47													MW-48													
Screen Interval (ft. bgs):			16-21													17-22													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/10/2020	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	8/6/2020
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	0.91 J	< 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	9.6
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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	< 4.0	< 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
1,2,3-Trimethylbenzene	µg/l	NS	< 25	< 20	< 50	< 25 J	< 8.4	< 25	< 13	NA	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	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.27 J	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	1.5 J	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 50	< 40	< 100	< 50 J	< 17	< 50	< 25	NA	NA	NA	NA	NA	NA	< 10	< 10	5.1 J	< 10	< 10 UB	< 10	NA	< 10	8.4 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	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	NA
Chloromethane	µg/l	1,100	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	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	NA
cis-1,2-Dichloroethene	µg/l	70	69	69	**79**	49 J	55	48	32	25	32	28	22	16	14	< 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
cis-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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	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	NA
Dichloromethane	µg/l	5.0	< 25 UB	< 20	< 50	< 25 J	< 8.4	< 25	< 13	NA	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	NA
Diethyl ether	µg/l	10	< 10	< 8.0	< 20	< 10 J	< 3.3	< 10	< 5.0	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0 J	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	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	NA
Isopropylbenzene	µg/l	2,300	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	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	NA
Methyl Acetate	µg/l	NS	< 50	< 40	< 100	< 50 J	< 17	< 50	< 25	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 50	< 40	< 100	< 50 J	< 17	< 50	< 25	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	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	NA

See Notes on Last Page.

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

Location:			MW-47													MW-48													
Screen Interval (ft. bgs):			16-21													17-22													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/10/2020	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	8/6/2020
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	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	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	< 4.0	< 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
Toluene	µg/l	790	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	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	NA
Total Xylenes	µg/l	280	< 10	< 8.0	< 20	< 10 J	< 3.3	< 10	< 5.0	NA	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	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	3.4 J	< 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
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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	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	< 4.0	< 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
Vinyl chloride	µg/l	2.0	**120**	**110**	**220**	**88 J**	**59**	**100**	**44**	**120**	**94**	**96**	**74**	**85**	**100**	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	**2.8**
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	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	6,000	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

See Notes on Last Page.

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

Location:			MW-49													MW-50													
Screen Interval (ft. bgs):			12.5-17.5													16-21													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/5/2020	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	8/6/2020
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	4.7	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	2.5
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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	0.48 J	< 5.0	< 6.7	NA	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	< 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	< 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	NA	< 25	< 20	< 25	< 25	< 25	< 5.0	< 25	< 33	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	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	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	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	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 25	< 20	< 25	< 25	< 25	< 5.0	< 25	< 33	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	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	NA
Chloroform	µg/l	80	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	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	NA
Chloromethane	µg/l	1,100	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	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	NA
cis-1,2-Dichloroethene	µg/l	70	**43,000**	**29,000 J**	**20,000**	**17,000**	**15,000**	**22,000**	**37,000**	**19,000**	**28,000**	**23,000**	**18,000**	**26,000**	**13,000**	13	15	23	22	12	17	16	20	9.4	5.2	5.8	11	13	18
cis-1,3-Dichloropropene	µg/l	NS	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	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	NA
Cyclohexane	µg/l	NS	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	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	NA
Dichloromethane	µg/l	5.0	**1,100 J**	< 5,000	< 8,300	**940 J**	< 2,500	< 5,000	< 13,000	NA	NA	NA	NA	NA	NA	< 25	< 20	< 25	3.5 J	< 25	< 5.0	< 25	< 33	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 4,000	< 2,000	< 3,300	< 3,300	< 1,000	< 2,000	< 5,000	NA	NA	NA	NA	NA	NA	< 10	< 8.0	< 10	< 10	< 10	< 2.0	< 10	< 13	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	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	NA
Isopropylbenzene	µg/l	2,300	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	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	NA
Methyl Acetate	µg/l	NS	< 20,000	< 10,000	< 17,000	< 17,000	< 5,000	< 10,000	< 25,000 J	NA	NA	NA	NA	NA	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 20,000	< 10,000	< 17,000	< 17,000	< 5,000	< 10,000	< 25,000 J	NA	NA	NA	NA	NA	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	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	NA

See Notes on Last Page.

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

Location:			MW-49													MW-50													
Screen Interval (ft. bgs):			12.5-17.5													16-21													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/5/2020	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	8/6/2020
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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	< 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	< 10
Toluene	µg/l	790	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	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	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	NA	< 10	< 8.0	< 10	< 10	< 10	< 2.0	< 10	< 13	NA	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	< 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	< 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	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	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	< 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	< 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**	**3,700**	**48**	**140**	**150**	**76**	**150**	**97**	**99**	**170**	**200**	**120**	**120**	**110**	**180**	**240**
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

See Notes on Last Page.

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

Location:			MW-51													MW-52												
Screen Interval (ft. bgs):			15-20													15-20												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/5/2020	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	8/22/2020
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	1.6 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	1.4 J
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	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 5.0
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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.40 J	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.18 J	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	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	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	NA	2.2 J	< 10	< 10	< 10 UB	< 10	< 10	< 10 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	0.33 J	0.22 J	0.16 J	< 1.0	0.36 J	0.19 J	< 0.60 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	< 5.0
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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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:			MW-51													MW-52												
Screen Interval (ft. bgs):			15-20													15-20												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/5/2020	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	8/22/2020
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 J	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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	< 1.0	< 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
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	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	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	< 5.0
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	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	< 1.0	< 5.0
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	< 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**	**3.0 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

See Notes on Last Page.

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

Location:			MW-53														MW-54											
Screen Interval (ft. bgs):			16-21														16-21											
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/11/2020	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	8/11/2020
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	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	1.8 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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 F	< 1.0	< 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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.26 J	NA	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10 J	< 10	< 10	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0 F	< 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 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Cyclohexane	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10 J	< 10	< 10	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10 J	< 10	< 10	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA
Methylcyclohexane	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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:			MW-53														MW-54											
Screen Interval (ft. bgs):			16-21														16-21											
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/11/2020	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	8/11/2020
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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	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 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 F	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 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	< 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	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	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

See Notes on Last Page.

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

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

See Notes on Last Page.

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

Location:			MW-54S							MW-55												MW-55D				
Screen Interval (ft. bgs):			4.5-9.5							15-20												19-24				
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	4/29/2019	6/10/2019	9/27/2019	11/19/2019	2/12/2020	5/21/2020	8/11/2020	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	8/11/2020	6/11/2019	9/25/2019	11/20/2019	2/12/2020	8/11/2020
Methyl-tert-butyl ether	µg/l	40	NA	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	NA	NA
Styrene (Monomer)	µg/l	100	NA	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	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 J	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	NA	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	NA	NA
Total Xylenes	µg/l	280	NA	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	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	< 5.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	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	< 1.0 J	< 1.0	< 1.0	< 1.0	< 5.0	< 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	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	< 1.0	0.34 J	< 1.0	< 1.0	0.35 J	< 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

See Notes on Last Page.

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

Location:			MW-56													MW-57												
Screen Interval (ft. bgs):			16-21													17-22												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/12/2020	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	8/12/2020
Semi-volatile Organic Compounds (SVOCs)																												
1,4-Dioxane	µg/l	350	3.8	2.7	2.2	1.6 J	2.7	2.3	2.7	2.9	3.7	2.4	0.49 J	< 2.0	1.1 J	4.6	4.9	4.9	3.9	4.5	4.6	3.1	3.6	3.3	1.8 J	1.2 J	1.4 J	1.8 J
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	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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 J	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
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	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 5.0	< 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
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	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	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
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	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.16 J	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	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	2.7 J	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	1.8 J	< 10	< 10	< 10	< 10	< 10	12	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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 J	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
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	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.24 J	0.43 J	0.26 J	0.27 J	0.34 J	0.86 J	< 5.0	< 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
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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 UB	< 5.0	NA	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	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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:		EGLE Non-Residential Drinking Water Criteria	MW-56													MW-57												
Screen Interval (ft. bgs):			16-21													17-22												
Date:	Unit		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	8/12/2020	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	8/12/2020
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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	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	< 5.0	< 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	< 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	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	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	< 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
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	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	< 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
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	0.21 J	< 5.0	< 3.3	< 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	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
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

See Notes on Last Page.

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

Location:			MW-58												MW-62													
Screen Interval (ft. bgs):			15-20												16.3-21.3													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	7/28/2017	11/8/2017	2/7/2018	5/14/2018	8/13/2018	10/31/2018	3/1/2019	6/11/2019	9/25/2019	11/14/2019	2/11/2020	8/12/2020	4/21/2017	7/31/2017	11/13/2017	2/6/2018	5/9/2018	8/6/2018	10/24/2018	2/27/2019	6/12/2019	9/27/2019	11/5/2019	2/11/2020	5/26/2020	8/6/2020
Semi-volatile Organic Compounds (SVOCs)																												
1,4-Dioxane	µg/l	350	10	8.0	9.6	3.6	2.2	3.9	6.2	11	8.6	9.0	4.1	2.6	2.8	3.7	3.7	2.1	1.5 J	3.1	2.3	2.4	2.0	3.1	3.0	4.7	4.2	4.8
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	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 5.0	< 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
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	NA	< 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	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	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 5.0	< 2.0	1.6	< 1.0	0.30 J	0.30 J	0.83 J	< 1.0	0.23 J	0.33 J	0.31 J	< 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	< 1.0	NA	NA	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	< 1.0	NA	NA	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	< 5.0	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	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	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	< 1.0	NA	NA	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	< 1.0	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	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	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	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	< 1.0	NA	NA	NA	NA	NA	NA

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

Location:			MW-58												MW-62												
Screen Interval (ft. bgs):			15-20												16.3-21.3												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	7/28/2017	11/8/2017	2/7/2018	5/14/2018	8/13/2018	10/31/2018	3/1/2019	6/11/2019	9/25/2019	11/14/2019	2/11/2020	8/12/2020	4/21/2017	7/31/2017	11/13/2017	2/6/2018	5/9/2018	8/6/2018	10/24/2018	2/27/2019	6/12/2019	9/27/2019	11/5/2019	2/11/2020	5/26/2020	8/6/2020
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	< 1.0 J	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	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	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	< 5.0	< 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
Toluene	µg/l	790	< 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	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	< 2.0	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	< 5.0	< 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
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	< 1.0	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	< 5.0	< 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
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	< 5.0	< 2.0	1.3	< 1.0	1.0	1.3	1.2	0.66 J	1.0	0.73 J	0.62 J	0.65 J	1.5	1.0	1.1	0.98 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

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

Location:			MW-63															MW-64												
Screen Interval (ft. bgs):			7-12															15-20												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/6/2020	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	8/5/2020
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	< 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	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	NA	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	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	< 1.0	< 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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA
Chlorodibromomethane	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA
Chloroform	µg/l	80	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA
Chloromethane	µg/l	1,100	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA
cis-1,2-Dichloroethene	µg/l	70	< 1,000	< 1,000	< 100	< 10	1.7	2.5	3.3	2.2	1.8	2.9	1.4	1.3	0.73 J	0.68 J	0.92 J	< 1.0	0.37 J	0.31 J	0.30 J	< 1.0	0.29 J	0.32 J	0.23 J	0.25 J	< 1.0	0.29 J	0.18 J	0.20 J	< 1.0
cis-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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA
Dichloromethane	µg/l	5.0	< 5,000	< 5,000	< 500	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	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	NA
Diethyl ether	µg/l	10	< 2,000	< 2,000	< 200	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	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	NA
Ethylbenzene	µg/l	74	< 1,000	< 1,000	< 100	5.6 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA
Isopropylbenzene	µg/l	2,300	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA
Methyl Acetate	µg/l	NS	< 10,000	< 10,000	< 1,000	< 100	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10,000	< 10,000	< 1,000	< 100	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA

See Notes on Last Page.

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

Location:			MW-63															MW-64													
Screen Interval (ft. bgs):			7-12															15-20													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/6/2020	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	8/5/2020
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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	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	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 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	< 1.0	**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	**3.4**
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	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	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	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	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	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	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	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	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	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	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	NA

See Notes on Last Page.

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

Location:		EGLE Non-Residential Drinking Water Criteria	MW-65														MW-66													
Screen Interval (ft. bgs):			16-21														15-20													
Date:	Unit		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	8/3/2020	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	8/3/2020
Semi-volatile Organic Compounds (SVOCs)																														
1,4-Dioxane	µg/l	350	3.8	3.1	3.8	3.4	2.1	1.8 J	2.9	2.6	3.8	4.2	4.2	4.2	2.0	2.0	0.76 J	< 2.0 UB	0.49 J	1.3 J	< 2.0	< 2.0	1.1 J	1.2 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.3 J
Volatile Organic Compounds (VOCs)																														
1,1,1-Trichloroethane	µg/l	200	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
1,1,2-Trichloroethane	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
1,1-Dichloroethane	µg/l	2,500	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	0.35 J	< 2.0	< 2.5	NA	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	NA
1,1-Dichloroethene	µg/l	7.0	< 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	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 10	< 20	< 10	< 10	< 10	< 5.0	< 10	< 13	NA	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	NA
1,2,4-Trichlorobenzene	µg/l	70	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
1,2,4-Trimethylbenzene	µg/l	63	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5 J	NA	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	NA
1,2-Dibromoethane	µg/l	0.05	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
1,2-Dichlorobenzene	µg/l	600	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
1,2-Dichloroethane	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
1,2-Dichloropropane	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
1,3,5-Trimethylbenzene	µg/l	72	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
1,3-Dichlorobenzene	µg/l	19	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.24 J	< 1.0	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
2-Butanone (MEK)	µg/l	38,000	< 20	< 40	< 20	< 20	< 20	< 10	< 20	< 25	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 20	< 40	< 20	< 20	< 20	< 10	< 20	< 25	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 20	< 40	< 20	< 20	< 20	< 10	< 20	< 25	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
Bromodichloromethane	µg/l	80	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
Bromoform	µg/l	80	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
Bromomethane	µg/l	29	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5 J	NA	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	NA
Carbon Disulfide	µg/l	2,300	< 10	< 20	< 10	< 10	< 10	< 5.0	< 10	< 13	NA	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	0.39 J	< 5.0	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
Chlorobenzene	µg/l	100	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
Chlorodibromomethane	µg/l	80	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
Chloroethane	µg/l	1,700	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5 J	NA	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	NA
Chloroform	µg/l	80	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
Chloromethane	µg/l	1,100	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	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	NA
cis-1,2-Dichloroethene	µg/l	70	3.3	4.1	3.9	4.1	6.0	6.2	7.0	5.9	4.9	4.1	4.8	4.0	5.0	6.1	< 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
cis-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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
Dichloromethane	µg/l	5.0	< 10	< 20	< 10	< 10 UB	< 10	< 5.0	< 10	< 13	NA	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	NA
Diethyl ether	µg/l	10	< 4.0	< 8.0	< 4.0	< 4.0	< 4.0	< 2.0	< 4.0	< 5.0	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
Isopropylbenzene	µg/l	2,300	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA
Methyl Acetate	µg/l	NS	< 20	< 40	< 20	< 20	< 20	< 10	< 20	< 25	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 20	< 40	< 20	< 20	< 20	< 10	< 20	< 25	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	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	NA

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

Location:			MW-65														MW-66													
Screen Interval (ft. bgs):			16-21														15-20													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/3/2020	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	8/3/2020
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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	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	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	**61**	**49**	**48**	**36**	**41**	**35**	**48**	**34**	**41**	**25**	**45**	**20**	**34**	**20**	**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**	**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	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

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

Location:			MW-67														MW-68													
Screen Interval (ft. bgs):			9-14														15-20													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/7/2020	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	8/10/2020
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	< 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	< 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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	1.6	1.7	3.7	2.0	1.4	1.9	2.1	1.4	NA	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	< 2.5	< 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	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 50	< 20	< 25	< 17	NA	< 13	< 17	< 13	NA	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	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.25 J	< 1.0	NA	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 100	< 40	< 50	< 33	< 10 UB	< 25	< 33	< 25	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5 J	NA	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	NA
Chloroform	µg/l	80	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	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	NA
Chloromethane	µg/l	1,100	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	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	NA
cis-1,2-Dichloroethene	µg/l	70	47	36	15	9.6	5.7	4.5	5.6	5.6	< 3.3	8.9	9.7	4.8	5.5	7.7	20	18	13	13	10	13	17	31	31	32	40	34	29	38
cis-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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	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	NA
Dichloromethane	µg/l	5.0	< 50	< 20	< 25	1.8 J	< 5.0	< 13	< 17	< 13	NA	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	NA
Diethyl ether	µg/l	10	< 20	< 8.0	< 10	< 6.7	< 2.0	< 5.0	< 6.7	< 5.0	NA	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	NA
Ethylbenzene	µg/l	74	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	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	NA
Isopropylbenzene	µg/l	2,300	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	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	NA
Methyl Acetate	µg/l	NS	< 100	< 40	< 50	< 33	< 10	< 25	< 33	< 25	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 100	< 40	< 50	< 33	< 10	< 25	< 33	< 25	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	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	NA

See Notes on Last Page.

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

Location:			MW-67														MW-68													
Screen Interval (ft. bgs):			9-14														15-20													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/7/2020	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	8/10/2020
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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0 J	NA	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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	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	< 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
Toluene	µg/l	790	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	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	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	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	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	1.2 J	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	4.9
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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	**94**	**91**	**110**	**83**	**57**	**60**	**69**	**41**	< 3.3	**70**	**70**	**45**	**49**	**64**	< 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	< 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	< 2.5	**12**	**2.1**	**18**	**2.5**	**2.1**	**2.2**	**2.1**	**17**	**19**	**6.8**	**17**	**10**	**11**	**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	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

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

Location:			MW-69													MW-70													
Screen Interval (ft. bgs):			15-20													15-20													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/5/2020	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	8/10/2020
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	4.9	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	2.8
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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10 J	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	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	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	< 6.7	< 10	< 10	< 13	2.1 J	< 13	1.3 J	< 10	< 10	< 5.0	1.5	< 13	< 10	< 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	NA	< 33	< 50	< 50	< 67	NA	< 63	< 20	< 50	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3 UB	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10 J	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3 UB	< 13	< 4.0	< 10	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	< 67	< 100	< 100	< 130	< 33	< 130	< 40	< 100 J	NA	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	NA	< 67	< 100	< 100	< 130	< 33	< 130	< 40	< 100 J	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	4.4 J	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	< 67	< 100	< 100	< 130	< 33 UB	< 130	< 40	< 100	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10 J	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 33	< 50	< 50	< 67	< 17	< 63	< 20	< 50	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.19 J	0.23 J	0.22 J	0.30 J	0.22 J	0.28 J	< 1.0	**190**	**200**	**200**	**230**	**260**	**200**	**250**	**290**	**150**	**220**	**300**	**260**	**230**	**240**
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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	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	NA	**8.9 J**	< 50	< 50	< 67	< 17	< 63	< 20	< 50	NA	NA	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	NA	< 13	< 20	< 20	< 27	< 6.7	< 25	< 8.0 UB	< 20	NA	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	< 67	< 100	< 100	< 130	< 33	< 130	< 40	< 100 J	NA	NA	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	NA	< 67	< 100	< 100	< 130	< 33	< 130	< 40	< 100 J	NA	NA	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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	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:			MW-69													MW-70													
Screen Interval (ft. bgs):			15-20													15-20													
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/5/2020	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	8/10/2020
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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10 J	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	NA	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	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	< 1.0	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	< 10	< 5.0	< 1.0	< 13	< 10	< 10
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	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	NA	NA	NA	NA	NA	NA	< 13	< 20	< 20	< 27	< 6.7	< 25	< 8.0	< 20	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	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	< 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	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	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 J	< 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	< 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**	**3.2**	**120**	**100**	**140**	**160**	**210**	**190**	**210**	**350**	**230**	**340**	**440**	**370**	**400**	**330**
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

See Notes on Last Page.

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

Location:			MW-71														MW-113						MW-114					MW-120					
Screen Interval (ft. bgs):			15-20														5-10						5-10					7-12					
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/7/2020	4/23/2019	6/12/2019	9/25/2019	11/15/2019	2/18/2020	8/18/2020	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	8/22/2020
Semi-volatile Organic Compounds (SVOCs)																																	
1,4-Dioxane	µg/l	350	4.3	1.4 J	0.72 J	0.57 J	0.38 J	0.95 J	1.1 J	< 2.0	1.6 J	1.3 J	1.3 J	< 2.0	0.98 J	1.0 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	< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	< 1.0	< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.16 J	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	0.39 J	0.37 J	0.40 J	0.34 J	0.36 J	0.30 J	0.42 J	0.41 J	0.61 J	0.46 J	0.45 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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:			MW-71														MW-113						MW-114					MW-120					
Screen Interval (ft. bgs):			15-20														5-10						5-10					7-12					
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/7/2020	4/23/2019	6/12/2019	9/25/2019	11/15/2019	2/18/2020	8/18/2020	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	8/22/2020
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	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	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	< 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	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	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 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
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	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	3.7	4.3	**5.9**	4.8	2.8	4.5
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	< 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	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	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	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	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	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	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	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	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	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	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	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:			MW-122				MW-124						MW-194			MW-194S			MW-195S			MW-196			MW-196S			MW-197S		
Screen Interval (ft. bgs):			16-21				5-10						12-17			2-7			2-7			12-17			2-7			3-8		
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	9/25/2019	11/20/2019	2/13/2020	8/12/2020	4/23/2019	6/13/2019	9/30/2019	11/15/2019	2/20/2020	8/27/2020	11/20/2019	2/10/2020	8/12/2020	11/20/2019	2/10/2020	8/13/2020	11/20/2019	2/10/2020	8/13/2020	11/20/2019	2/11/2020	8/13/2020	11/20/2019	2/11/2020	8/14/2020	11/25/2019	2/11/2020	8/19/2020
Semi-volatile Organic Compounds (SVOCs)																														
1,4-Dioxane	µg/l	350	1.9 J	0.93 J	1.3 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.5 J	1.7 J	2.3	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																														
1,1,1-Trichloroethane	µg/l	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	< 10	< 100	< 100	0.73 J	< 25	< 25	< 1.0	< 1.0	< 4.0	< 1.0	0.23 J	< 5.0
1,2,3-Trimethylbenzene	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	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	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	NA	NA
Benzene	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	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
Carbon Tetrachloride	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	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
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	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	NA	NA
Chlorodibromomethane	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	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	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	1.7	1.8	2.1	2.3	1.8	2.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**120**	**82 J**	**110**	**210**	**250**	**320**	68	51	**72**	10	14	28
cis-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	NA	NA
Cyclohexane	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	NA	NA
Dichloromethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/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
Ethylbenzene	µg/l	74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	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
Methyl Acetate	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	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	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	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-122 16-21				MW-124 5-10						MW-194 12-17			MW-194S 2-7			MW-195S 2-7			MW-196 12-17			MW-196S 2-7			MW-197S 3-8		
			9/25/2019	11/20/2019	2/13/2020	8/12/2020	4/23/2019	6/13/2019	9/30/2019	11/15/2019	2/20/2020	8/27/2020	11/20/2019	2/10/2020	8/12/2020	11/20/2019	2/10/2020	8/13/2020	11/20/2019	2/10/2020	8/13/2020	11/20/2019	2/11/2020	8/13/2020	11/20/2019	2/11/2020	8/14/2020	11/25/2019	2/11/2020	8/19/2020
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	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	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	< 10	< 100	< 100	< 2.0	< 25	< 25	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	< 5.0
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	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	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	0.19 J	0.26 J	0.24 J	0.27 J	0.20 J	0.30 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**150**	100	**170**	55	65	94	1.7	1.3	2.1 J	0.43 J	0.89 J	< 5.0
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	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	**3,400**	**2,300**	**3,900**	**490**	**520**	**490**	**78**	**39**	**170**	**14**	**31**	**92**
Vinyl chloride	µg/l	2.0	**2.4**	**2.6**	**2.1**	1.4	0.32 J	0.40 J	< 1.0	0.19 J	0.27 J	0.41 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**16**	< 100	< 100	< 2.0	< 25	< 25	< 1.0	< 1.0	< 4.0	**2.1**	**2.2**	< 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	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

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-198 12-17			MW-198S 2.5-7.5			MW-199S 2-7			MW-200 15-20			MW-200S 5-10				MW-201 17-22			MW-201S 3.5-8.5			MW-208S 9-14			MW-209S 8-13		
			11/25/2019	2/12/2020	8/19/2020	11/20/2019	2/12/2020	8/19/2020	11/25/2019	2/12/2020	8/19/2020	11/21/2019	2/12/2020	8/24/2020	11/21/2019	2/12/2020	8/18/2020*	8/24/2020	11/19/2019	2/13/2020	8/20/2020	11/19/2019	2/10/2020	8/20/2020	2/8/2020	5/30/2020	8/15/2020	2/8/2020	5/30/2020	8/15/2020
Semi-volatile Organic Compounds (SVOCs)																														
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2.6	2.9	3.7	< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	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	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	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	NA	NA
Benzene	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	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
Carbon Tetrachloride	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	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
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	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	NA	NA
Chlorodibromomethane	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	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	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	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	0.17 J	< 1.0	0.38 J
cis-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	NA	NA
Cyclohexane	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	NA	NA
Dichloromethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/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
Ethylbenzene	µg/l	74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	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
Methyl Acetate	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	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	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	NA	NA

See Notes on Last Page.

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

Location:		EGLE Non-Residential Drinking Water Criteria	MW-198			MW-198S			MW-199S			MW-200			MW-200S				MW-201			MW-201S			MW-208S			MW-209S		
Screen Interval (ft. bgs):			12-17			2.5-7.5			2-7			15-20			5-10				17-22			3.5-8.5			9-14			8-13		
Date:	Unit		11/25/2019	2/12/2020	8/19/2020	11/20/2019	2/12/2020	8/19/2020	11/25/2019	2/12/2020	8/19/2020	11/21/2019	2/12/2020	8/24/2020	11/21/2019	2/12/2020	8/18/2020*	8/24/2020	11/19/2019	2/13/2020	8/20/2020	11/19/2019	2/10/2020	8/20/2020	2/8/2020	5/30/2020	8/15/2020	2/8/2020	5/30/2020	8/15/2020
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	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	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	< 5.0	< 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	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	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	< 5.0	< 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	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	0.43 J	0.27 J	0.69 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	< 5.0	< 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	0.33 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	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	0.29 J	< 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	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	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	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	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	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	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	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	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	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	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	NA

See Notes on Last Page.

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

Location:			MW-210S			MW-211S			MW-212S			MW-213S			MW-218S		MW-219S		MW-220S		MW-221S		MW-222S		MW-224S	
Screen Interval (ft. bgs):			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	
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	2/8/2020	5/30/2020	8/15/2020	2/8/2020	5/30/2020	8/15/2020	2/8/2020	5/30/2020	8/15/2020	2/8/2020	5/30/2020	8/15/2020	2/20/2020	8/11/2020	2/6/2020	8/11/2020	2/4/2020	8/11/2020	2/4/2020	8/12/2020	2/6/2020	8/12/2020	2/4/2020	8/12/2020
Semi-volatile Organic Compounds (SVOCs)																										
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	1.2 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	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																										
1,1,1-Trichloroethane	µg/l	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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
1,2,3-Trimethylbenzene	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
1,2,4-Trichlorobenzene	µg/l	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	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
Chlorodibromomethane	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	8.6	5.7	14	< 1.0	< 1.0	< 1.0	1.5	1.6	2.2	0.76 J	0.74 J	1.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.2	< 1.0	< 1.0	< 1.0	< 1.0
cis-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
Cyclohexane	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
Dichloromethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/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
Ethylbenzene	µg/l	74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	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
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	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

See Notes on Last Page.

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

Location:			MW-210S			MW-211S			MW-212S			MW-213S			MW-218S		MW-219S		MW-220S		MW-221S		MW-222S		MW-224S	
Screen Interval (ft. bgs):			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	
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	2/8/2020	5/30/2020	8/15/2020	2/8/2020	5/30/2020	8/15/2020	2/8/2020	5/30/2020	8/15/2020	2/8/2020	5/30/2020	8/15/2020	2/20/2020	8/11/2020	2/6/2020	8/11/2020	2/4/2020	8/11/2020	2/4/2020	8/12/2020	2/6/2020	8/12/2020	2/4/2020	8/12/2020
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
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
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	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
trans-1,2-Dichloroethene	µg/l	100	0.98 J	0.68 J	1.5	< 1.0	< 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	< 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
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.37 J	< 1.0	0.14 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	**12**	**6.1**	**12**	< 1.0	< 1.0	< 1.0	0.84 J	0.53 J	< 1.0	0.79 J	1.3	0.81 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
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

See Notes on Last Page.

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

Location:			PW-16-01													PW-16-02												
Screen Interval (ft. bgs):			9.7-19.7													6-21												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/4/2020	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	8/4/2020
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	< 2.0 UB	< 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	1.2 J
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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	< 13	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 3.3
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 1,000	< 71	< 71	< 200	< 200	< 5.0	NA	NA	NA	NA	NA	NA	< 25	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	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	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 2,000	< 140	32 J	< 400	< 400	< 10	NA	NA	NA	NA	NA	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10	NA	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0 J	NA	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	NA
Bromomethane	µg/l	29	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 25	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0 J	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	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	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	**110**	63	2.3	12	< 1.0	11	11	1.9	< 1.0	20	0.67 J	0.44 J	0.21 J	29
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 1,000	< 71 UB	**8.6 J**	< 200	< 200	< 5.0	NA	NA	NA	NA	NA	NA	< 25	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 400	< 29	< 29	< 80	< 80	< 2.0	NA	NA	NA	NA	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 2,000	< 140	< 140	< 400	< 400	< 10	NA	NA	NA	NA	NA	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 2,000	< 140	< 140	< 400	< 400	< 10 J	NA	NA	NA	NA	NA	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	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:			PW-16-01													PW-16-02												
Screen Interval (ft. bgs):			9.7-19.7													6-21												
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	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	8/4/2020	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	8/4/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 200	< 14	< 14 J	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	< 13	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 3.3
Toluene	µg/l	790	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 400	< 29	< 29	< 80	< 80	< 2.0	NA	NA	NA	NA	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	NA	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	< 13	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 3.3
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	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	< 13	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 3.3
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**	**160**	2.0	**18**	< 1.0	**71**	**62**	0.94 J	< 1.0	**59**	0.40 J	< 1.0	0.54 J	**85**
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

See Notes on Last Page.

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

Location:			TW-16-01												TW-16-02												
Screen Interval (ft. bgs):		EGLE Non-Residential Drinking Water Criteria	12-17												12-17												
Date:	Unit		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	8/18/2020	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	8/18/2020
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	< 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	1.2 J
Volatile Organic Compounds (VOCs)																											
1,1,1-Trichloroethane	µg/l	200	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 10	< 13	< 33	< 33	< 25	< 25	< 100 J	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330 J	NA	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	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	< 33	< 20	0.57 J	< 13	< 13	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	< 250	< 330	**15 J**	< 330	< 330
1,2,3-Trimethylbenzene	µg/l	NS	< 50	< 63	< 170	< 170	< 130	< 130	< 500	NA	NA	NA	NA	NA	< 3,100	< 2,500	< 2,000	< 5,000	< 2,500	< 1,300	< 2,500	< 1,700	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	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	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330 J	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 100	< 130	< 330	< 330	< 250	< 250	< 1,000 J	NA	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	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 100	< 130	< 330	< 330	< 250	< 250	< 1,000 J	NA	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	NA
Acetone	µg/l	2,100	< 100	< 130	< 330	68 J	< 250	< 250	< 1,000	NA	NA	NA	NA	NA	< 6,300	< 5,000	< 4,000	< 10,000	< 5,000	< 2,500	< 5,000	< 3,300	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Bromoform	µg/l	80	< 10	< 13	< 33	< 33	< 25	< 25	< 100 J	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330 J	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 50	< 63	< 170	< 170	< 130	< 130	< 500	NA	NA	NA	NA	NA	< 3,100	< 2,500	< 2,000	< 5,000	< 2,500	< 1,300	< 2,500	< 1,700	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Chloroform	µg/l	80	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	17	32	34	68	**140**	**180**	**150**	**140**	**170**	**180**	**91**	**88**	**5,200**	**3,100**	**6,000**	**3,500**	**4,400**	**4,100**	**6,900**	**7,700**	**3,000**	**2,800**	**3,300**	**2,200**	**720**
cis-1,3-Dichloropropene	µg/l	NS	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 50	< 63 UB	< 170 UB	**20 J**	< 130	< 130	< 500	NA	NA	NA	NA	NA	< 3,100 UB	< 2,500	< 2,000	< 5,000	< 2,500	< 1,300	< 2,500	< 1,700	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 20	< 25	< 67	< 67	< 50	< 50	< 200	NA	NA	NA	NA	NA	< 1,300	< 1,000	< 800	< 2,000	< 1,000	< 500	< 1,000	< 670	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 100	< 130	< 330	< 330	< 250	< 250	< 1,000 J	NA	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	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 100	< 130	< 330	< 330	< 250	< 250	< 1,000 J	NA	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	NA
Methylcyclohexane	µg/l	NS	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	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:			TW-16-01												TW-16-02											
Screen Interval (ft. bgs):		EGLE Non-Residential Drinking Water Criteria	12-17												12-17											
Date:	Unit		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	8/18/2020	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	8/18/2020
Methyl-tert-butyl ether	µg/l	40	< 10	< 13	< 33	< 33 J	< 25	< 25	< 100 J	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330 J	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	< 33	< 20	< 1.0	< 13	< 13	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	< 250	< 330	< 25	< 330	< 330
Toluene	µg/l	790	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 20	< 25	< 67	< 67	< 50	< 50	< 200	NA	NA	NA	NA	NA	< 1,300	< 1,000	< 800	< 2,000	< 1,000	< 500	< 1,000	< 670	NA	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	< 13	< 630	< 500	< 400	< 1,000	< 500	56 J	< 500	**130 J**	< 250	< 330	48	< 330	< 330
trans-1,3-Dichloropropene	µg/l	NS	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	**15 J**	< 33	< 20	< 1.0	< 13	< 13	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	< 250	< 330	< 25	< 330	< 330
Vinyl chloride	µg/l	2.0	**210**	**320**	**380**	**720**	**680**	**830**	**750**	**550**	**420**	**480**	**370**	**190**	**15,000**	**12,000**	**13,000**	**9,100**	**8,500**	**7,300**	**12,000**	**8,900**	**5,800**	**7,600**	**5,700**	**7,000**	**3,700**
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

See Notes on Last Page.

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

Location:			TW-16-03												TW-16-04												
Screen Interval (ft. bgs):		EGLE Non-Residential Drinking Water Criteria	9-19												9-19												
Date:	Unit		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	8/18/2020	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	8/18/2020
Semi-volatile Organic Compounds (SVOCs)																											
1,4-Dioxane	µg/l	350	< 2.0 UB	< 2.0	< 2.0	< 2.0	1.0 J	1.1 J	< 2.0	< 2.0	0.93 J	0.43 J	< 2.0	< 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	< 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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	0.50 J	< 3.3	< 3.3	NA	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	< 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	< 2.5
1,2,3-Trimethylbenzene	µg/l	NS	< 20	< 17	< 50	< 13	< 10	< 33	< 8.4	NA	NA	NA	NA	NA	< 20	< 20	< 33	< 33	< 13	< 5.0	< 17	< 17	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 40	< 33	< 100	< 25	< 20	< 67	< 17 J	NA	NA	NA	NA	NA	< 40	< 40	< 67	< 67	< 25	< 10	< 33	< 33	NA	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	NA	< 40	< 40	< 67	< 67	< 25	< 10	< 33	< 33	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 40	< 33	< 100	< 25	< 20	< 67	< 17	NA	NA	NA	NA	NA	< 40	< 40	< 67	< 67	< 25	5.5 J	< 33	< 33	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 20	< 17	< 50	< 13	< 10	< 33	< 8.4	NA	NA	NA	NA	NA	< 20	< 20	< 33	< 33	< 13	< 5.0	< 17	< 17	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7 J	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	37	36	40	39	36	42	33	14	35	52	33	32	20	18	23	25	20	21	20	14	14	13	20	12	14
cis-1,3-Dichloropropene	µg/l	NS	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 20	< 17	< 50	< 13	< 10	< 33	< 8.4	NA	NA	NA	NA	NA	< 20 UB	< 20	< 33	< 33	< 13	< 5.0	< 17	< 17	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 8.0	< 6.7	< 20	< 5.0	< 4.0	< 13	< 3.3	NA	NA	NA	NA	NA	< 8.0	< 8.0	< 13	< 13	< 5.0	< 2.0	< 6.7	< 6.7	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 40	< 33	< 100	< 25	< 20	< 67	< 17	NA	NA	NA	NA	NA	< 40	< 40	< 67	< 67	< 25	< 10	< 33	< 33	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 40	< 33	< 100	< 25	< 20	< 67	< 17 J	NA	NA	NA	NA	NA	< 40	< 40	< 67	< 67	< 25	< 10	< 33	< 33	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	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:			TW-16-03												TW-16-04											
Screen Interval (ft. bgs):		EGLE Non-Residential Drinking Water Criteria	9-19												9-19											
Date:	Unit		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	8/18/2020	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	8/18/2020
Methyl-tert-butyl ether	µg/l	40	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	< 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	< 2.5
Toluene	µg/l	790	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	NA	< 8.0	< 8.0	< 13	< 13	< 5.0	< 2.0	< 6.7	< 6.7	NA	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	< 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	< 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	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	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	< 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	< 2.5
Vinyl chloride	µg/l	2.0	**100**	**77**	**95**	**78**	**76**	**97**	**48**	**20**	**53**	**87**	**82**	**84**	**150**	**120**	**100**	**77**	**65**	**63**	**90**	**65**	**51**	**49**	**46**	**22**	**20**
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

See Notes on Last Page.

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

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.
* The sample collected on 8/18/2020 from MW-200S was collected from an incorrect depth interval and is considered not representative. This data is not shown on the associated analytical figures.

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
F	matrix spike (MS) and/or matrix spike duplicate (MSD) recovery exceeds control limits
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 Elevation (ft. amsl)	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	NA	661.83	661.83
			07/24/17	NP	8.60	19.60	NA	NA	660.21	660.21
			11/06/17	NP	9.20	19.54	NA	NA	659.61	659.61
			02/05/18	NP	8.58	19.86	NA	NA	660.23	660.23
			05/07/18	NP	6.83	19.63	NA	NA	661.98	661.98
			08/16/18	NP	8.68	NM	NA	NA	660.13	660.13
			11/19/18	NP	7.72	19.64	NA	NA	661.09	661.09
			02/22/19	NP	7.48	19.61	NA	NA	661.33	661.33
			06/14/19	NP	6.86	19.65	NA	NA	661.95	661.95
			09/26/19	NP	9.98	19.63	NA	NA	658.83	658.83
			11/04/19	NP	8.57	19.62	NA	NA	660.24	660.24
			02/05/20	NP	7.23	NM	NA	NA	661.58	661.58
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	8.76	NM	NA	NA	660.05	660.05
MW-72S	668.96	3.0-13.0	03/05/19	NP	7.56	13.05	NA	NA	661.40	661.40
			06/14/19	NP	7.00	13.03	NA	NA	661.96	661.96
			09/26/19	NP	9.32	13.03	NA	NA	659.64	659.64
			11/04/19	NP	8.76	13.03	NA	NA	660.20	660.20
			02/05/20	NP	7.42	NM	NA	NA	661.54	661.54
			05/18/20	NP	7.29	13.02	NA	NA	661.67	661.67
			08/17/20	NP	8.93	NM	NA	NA	660.03	660.03
MW-73S	666.89	7.0-12.0	05/22/17	NP	4.72	11.31	NA	NA	662.17	662.17
			07/24/17	NP	6.38	11.48	NA	NA	660.51	660.51
			11/06/17	NP	6.94	11.42	NA	NA	659.95	659.95
			02/05/18	NP	6.30	11.62	NA	NA	660.59	660.59
			05/07/18	NP	4.77	11.55	NA	NA	662.12	662.12
			08/16/18	NP	6.25	NM	NA	NA	660.64	660.64
			11/19/18	NP	5.45	11.54	NA	NA	661.44	661.44
			12/10/18	Monitoring Well Abandoned						
MW-73SR	667.00	2.5-12.5	02/22/19	NP	5.56	12.38	NA	NA	661.44	661.44
			06/14/19	NP	4.80	12.40	NA	NA	662.20	662.20
			09/26/19	NP	6.82	12.49	NA	NA	660.18	660.18
			11/04/19	NP	6.43	12.40	NA	NA	660.57	660.57
			02/05/20	NP	5.36	NM	NA	NA	661.64	661.64
			05/18/20	NP	5.14	12.38	NA	NA	661.86	661.86
			08/17/20	NP	6.57	NM	NA	NA	660.43	660.43
MW-73D	667.03	13.5-18.5	05/22/17	NP	4.98	17.21	NA	NA	662.05	662.05
			07/24/17	NP	6.64	17.47	NA	NA	660.39	660.39
			11/06/17	NP	7.22	17.38	NA	NA	659.81	659.81
			02/05/18	NP	6.54	17.52	NA	NA	660.49	660.49
			05/07/18	NP	5.02	17.36	NA	NA	662.01	662.01
			08/16/18	NP	6.49	NM	NA	NA	660.54	660.54
			11/19/18	NP	5.73	17.35	NA	NA	661.30	661.30
			02/22/19	NP	5.54	17.37	NA	NA	661.49	661.49
			06/14/19	NP	4.79	17.37	NA	NA	662.24	662.24
			09/26/19	NP	7.84	17.39	NA	NA	659.19	659.19
			11/04/19	NP	6.39	17.38	NA	NA	660.64	660.64
			02/05/20	NP	5.34	NM	NA	NA	661.69	661.69
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	6.53	NM	NA	NA	660.50	660.50
MW-74	667.90	14.0-19.0	05/22/17	NP	5.94	18.52	NA	NA	661.96	661.96
			07/24/17	NP	7.47	18.81	NA	NA	660.43	660.43
			11/06/17	NP	8.12	18.76	NA	NA	659.78	659.78
			02/05/18	NP	7.49	18.85	NA	NA	660.41	660.41
			05/07/18	NP	5.95	18.77	NA	NA	661.95	661.95
			08/16/18	NP	7.38	NM	NA	NA	660.52	660.52
			11/19/18	NP	6.25	18.77	NA	NA	661.65	661.65
			02/22/19	NP	6.45	18.76	NA	NA	661.45	661.45
			06/14/19	NP	5.63	18.76	NA	NA	662.27	662.27
			09/26/19	NP	7.48	18.78	NA	NA	660.42	660.42
			11/04/19	NP	7.31	18.78	NA	NA	660.59	660.59
			02/05/20	NP	6.29	NM	NA	NA	661.61	661.61
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	7.36	NM	NA	NA	660.54	660.54
MW-74S	667.93	3.0-13.0	02/22/19	NP	6.44	12.78	NA	NA	661.49	661.49
			06/14/19	NP	5.65	12.77	NA	NA	662.28	662.28
			09/26/19	NP	7.49	12.76	NA	NA	660.44	660.44
			11/04/19	NP	7.31	12.79	NA	NA	660.62	660.62
			02/05/20	NP	6.27	NM	NA	NA	661.66	661.66
			05/18/20	NP	6.28	12.78	NA	NA	661.65	661.65
			08/17/20	NP	7.36	NM	NA	NA	660.57	660.57

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 Elevation (ft. amsl)	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	NA	661.70	661.70
			07/24/17	NP	6.15	9.48	NA	NA	660.71	660.71
			11/06/17	NP	6.83	9.43	NA	NA	660.03	660.03
			02/05/18	NP	6.56	9.82	NA	NA	660.30	660.30
			05/07/18	NP	5.08	9.67	NA	NA	661.78	661.78
			08/16/18	NP	5.81	NM	NA	NA	661.05	661.05
			11/19/18	NP	5.47	9.62	NA	NA	661.39	661.39
			12/10/18	Monitoring Well Abandoned						
MW-75SR	666.96	2.5-12.5	02/22/19	NP	5.60	12.38	NA	NA	661.36	661.36
			06/14/19	NP	4.63	12.36	NA	NA	662.33	662.33
			09/26/19	NP	6.26	12.38	NA	NA	660.70	660.70
			11/04/19	NP	5.98	12.37	NA	NA	660.98	660.98
			02/05/20	NP	5.34	NM	NA	NA	661.62	661.62
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	6.10	NM	NA	NA	660.86	660.86
MW-75D	666.89	12.0-17.0	05/22/17	NP	5.20	16.59	NA	NA	661.69	661.69
			07/24/17	NP	6.19	16.78	NA	NA	660.70	660.70
			11/06/17	NP	6.81	17.80	NA	NA	660.08	660.08
			02/05/18	NP	6.59	16.83	NA	NA	660.30	660.30
			05/07/18	NP	5.04	16.77	NA	NA	661.85	661.85
			08/16/18	NP	6.09	NM	NA	NA	660.80	660.80
			11/19/18	NP	5.51	17.74	NA	NA	661.38	661.38
			02/22/19	NP	5.72	16.78	NA	NA	661.17	661.17
			06/14/19	NP	4.57	16.74	NA	NA	662.32	662.32
			09/26/19	NP	6.26	16.70	NA	NA	660.63	660.63
			11/04/19	NP	5.89	16.66	NA	NA	661.00	661.00
			02/05/20	NP	5.35	NM	NA	NA	661.54	661.54
			05/18/20	NP	5.55	16.66	NA	NA	661.34	661.34
			08/17/20	NP	6.00	NM	NA	NA	660.89	660.89
MW-76	670.10	15.0-20.0	05/22/17	NP	9.43	19.44	NA	NA	660.67	660.67
			07/24/17	NP	10.05	19.73	NA	NA	660.05	660.05
			11/06/17	NP	10.73	19.66	NA	NA	659.37	659.37
			02/05/18	NP	10.89	19.71	NA	NA	659.21	659.21
			05/07/18	NP	9.34	19.64	NA	NA	660.76	660.76
			08/16/18	NP	9.59	NM	NA	NA	660.51	660.51
			11/19/18	NP	9.25	19.60	NA	NA	660.85	660.85
			02/22/19	NP	9.75	19.62	NA	NA	660.35	660.35
			06/14/19	NP	8.56	19.61	NA	NA	661.54	661.54
			09/26/19	NP	9.78	19.63	NA	NA	660.32	660.32
			11/04/19	NP	9.74	19.62	NA	NA	660.36	660.36
			02/05/20	NP	9.36	NM	NA	NA	660.74	660.74
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	9.50	NM	NA	NA	660.60	660.60
MW-76S	669.98	4.5-14.5	02/22/19	NP	9.64	14.15	NA	NA	660.34	660.34
			06/14/19	NP	8.55	14.50	NA	NA	661.43	661.43
			09/26/19	NP	9.65	14.17	NA	NA	660.33	660.33
			11/04/19	NP	9.63	14.15	NA	NA	660.35	660.35
			02/05/20	NP	9.24	NM	NA	NA	660.74	660.74
			05/18/20	NP	9.33	14.19	NA	NA	660.65	660.65
			08/17/20	NP	9.40	NM	NA	NA	660.58	660.58
MW-77	660.56	9.0-14.0	05/22/17	NP	4.59	13.45	NA	NA	655.97	655.97
			07/24/17	NP	5.90	13.75	NA	NA	654.66	654.66
			11/06/17	NP	6.30	13.67	NA	NA	654.26	654.26
			02/05/18	NP	5.43	13.75	NA	NA	655.13	655.13
			05/07/18	NP	4.28	13.70	NA	NA	656.28	656.28
			08/16/18	NP	5.88	NM	NA	NA	654.68	654.68
			11/19/18	NP	4.59	13.69	NA	NA	655.97	655.97
			02/22/19	NP	4.64	13.72	NA	NA	655.92	655.92
			06/14/19	NP	4.23	13.71	NA	NA	656.33	656.33
			09/26/19	NP	5.97	13.72	NA	NA	654.59	654.59
			11/04/19	NP	5.21	13.70	NA	NA	655.35	655.35
			02/05/20	NP	4.29	NM	NA	NA	656.27	656.27
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	5.68	NM	NA	NA	654.88	654.88
MW-77S	660.55	2.5-12.5	02/22/19	NP	4.53	12.16	NA	NA	656.02	656.02
			06/14/19	NP	4.12	12.14	NA	NA	656.43	656.43
			09/26/19	NP	5.89	12.17	NA	NA	654.66	654.66
			11/04/19	NP	5.15	12.15	NA	NA	655.40	655.40
			02/05/20	NP	5.03	NM	NA	NA	655.52	655.52
			05/18/20	NP	4.19	12.17	NA	NA	656.36	656.36
			08/17/20	NP	5.58	NM	NA	NA	654.97	654.97

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 Elevation (ft. amsl)	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	NA	655.45	655.45
			07/24/17	NP	3.55	11.79	NA	NA	653.68	653.68
			11/06/17	NP	3.50	11.72	NA	NA	653.73	653.73
			02/05/18	NP	3.09	11.80	NA	NA	654.14	654.14
			05/07/18	NP	1.54	11.75	NA	NA	655.69	655.69
			08/16/18	NP	3.53	NM	NA	NA	653.70	653.70
			11/19/18	NP	1.68	11.71	NA	NA	655.55	655.55
			02/22/19	NP	2.02	11.75	NA	NA	655.21	655.21
			06/14/19	NP	1.19	11.75	NA	NA	656.04	656.04
			09/26/19	NP	3.71	11.77	NA	NA	653.52	653.52
			11/04/19	NP	2.70	11.76	NA	NA	654.53	654.53
			02/05/20	NP	1.66	NM	NA	NA	655.57	655.57
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	3.37	NM	NA	NA	653.86	653.86
MW-78S	657.61	2.5-12.5	02/22/19	NP	2.37	12.40	NA	NA	655.24	655.24
			06/14/19	NP	1.51	12.38	NA	NA	656.10	656.10
			09/26/19	NP	3.45	12.41	NA	NA	654.16	654.16
			11/04/19	NP	3.05	12.40	NA	NA	654.56	654.56
			02/05/20	NP	1.98	NM	NA	NA	655.63	655.63
			05/18/20	NP	1.55	12.40	NA	NA	656.06	656.06
			08/17/20	NP	3.70	NM	NA	NA	653.91	653.91
MW-79S	663.10	5.0-10.0	05/22/17	NP	4.15	9.49	NA	NA	658.95	658.95
			07/24/17	NP	6.37	9.76	NA	NA	656.73	656.73
			11/06/17	NP	6.56	9.71	NA	NA	656.54	656.54
			02/05/18	NP	5.46	9.78	NA	NA	657.64	657.64
			05/07/18	NP	3.49	9.73	NA	NA	659.61	659.61
			08/16/18	NP	6.40	NM	NA	NA	656.70	656.70
			11/19/18	NP	4.50	9.71	NA	NA	658.60	658.60
			12/10/18	Monitoring Well Abandoned						
MW-79SR	663.06	2.5-12.5	02/22/19	NP	4.19	12.28	NA	NA	658.87	658.87
			06/14/19	NP	3.50	12.50	NA	NA	659.56	659.56
			09/26/19	NP	6.52	12.26	NA	NA	656.54	656.54
			11/04/19	NP	5.65	12.25	NA	NA	657.41	657.41
			02/05/20	NP	3.59	NM	NA	NA	659.47	659.47
			05/18/20	NP	3.37	12.26	NA	NA	659.69	659.69
			08/17/20	NP	6.22	NM	NA	NA	656.84	656.84
MW-79D	663.35	10.0-15.0	05/22/17	NP	4.20	14.38	NA	NA	659.15	659.15
			07/24/17	NP	6.45	14.66	NA	NA	656.90	656.90
			11/06/17	NP	6.62	14.60	NA	NA	656.73	656.73
			02/05/18	NP	5.51	14.69	NA	NA	657.84	657.84
			05/07/18	NP	3.55	14.62	NA	NA	659.80	659.80
			08/16/18	NP	6.49	NM	NA	NA	656.86	656.86
			11/19/18	NP	4.58	14.60	NA	NA	658.77	658.77
			02/22/19	NP	4.33	14.64	NA	NA	659.02	659.02
			06/14/19	NP	3.63	14.62	NA	NA	659.72	659.72
			09/26/19	NP	6.66	14.64	NA	NA	656.69	656.69
			11/04/19	NP	5.80	14.63	NA	NA	657.55	657.55
			02/05/20	NP	3.69	NM	NA	NA	659.66	659.66
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	6.37	NM	NA	NA	656.98	656.98
MW-80S	656.08	7.0-12.0	05/22/17	NP	2.41	11.29	NA	NA	653.67	653.67
			07/24/17	NP	4.19	11.50	NA	NA	651.89	651.89
			11/06/17	NP	3.41	11.53	NA	NA	652.67	652.67
			02/05/18	NP	2.86	11.81	NA	NA	653.22	653.22
			05/07/18	NP	1.23	11.56	NA	NA	654.85	654.85
			08/16/18	NP	4.14	NM	NA	NA	651.94	651.94
			11/19/18	NP	2.17	11.53	NA	NA	653.91	653.91
			12/10/18	Monitoring Well Abandoned						
MW-80SR	656.23	2.5-12.5	03/06/19	NP	2.43	12.21	NA	NA	653.80	653.80
			06/14/19	NP	1.39	12.24	NA	NA	654.84	654.84
			09/26/19	NP	4.41	12.24	NA	NA	651.82	651.82
			11/04/19	NP	2.80	12.22	NA	NA	653.43	653.43
			02/05/20	NP	1.35	NM	NA	NA	654.88	654.88
			05/18/20	NP	1.13	12.24	NA	NA	655.10	655.10
			08/17/20	NP	4.15	NM	NA	NA	652.08	652.08
MW-81[1]	657.32	8.0-13.0	05/22/17	NP	6.05	12.40	NA	NA	651.27	651.27
			07/24/17	NP	7.24	12.70	NA	NA	650.08	650.08
			11/06/17	NP	8.27	12.63	NA	NA	649.05	649.05
			02/05/18	NP	7.29	12.71	NA	NA	650.03	650.03
			05/07/18	NP	5.98	12.66	NA	NA	651.34	651.34
			08/16/18	NP	7.40	NM	NA	NA	649.92	649.92
			11/19/18	NP	6.62	12.64	NA	NA	650.70	650.70
			02/22/19	NP	6.19	12.67	NA	NA	651.13	651.13
			06/14/19	NP	5.85	12.65	NA	NA	651.47	651.47
			09/26/19	NP	7.62	12.68	NA	NA	649.70	649.70
			11/04/19	NP	7.31	12.68	NA	NA	650.01	650.01
			02/05/20	NP	6.23	NM	NA	NA	651.09	651.09
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	7.35	NM	NA	NA	649.97	649.97

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 Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-81S	657.67	2.5-12.5	02/22/19	NP	6.49	12.52	NA	NA	651.18	651.18
			06/14/19	NP	5.18	12.51	NA	NA	652.49	652.49
			09/26/19	NP	7.83	12.52	NA	NA	649.84	649.84
			11/04/19	NP	7.60	12.54	NA	NA	650.07	650.07
			02/05/20	NP	6.26	NM	NA	NA	651.41	651.41
			05/18/20	NP	6.21	12.54	NA	NA	651.46	651.46
			08/17/20	NP	7.65	NM	NA	NA	650.02	650.02
MW-82S	658.63	9.0-14.0	05/22/17	NP	6.93	13.12	NA	NA	651.70	651.70
			07/24/17	NP	8.24	11.50	NA	NA	650.39	650.39
			11/06/17	NP	9.08	13.34	NA	NA	649.55	649.55
			02/05/18	NP	8.32	13.44	NA	NA	650.31	650.31
			05/07/18	NP	7.10	13.36	NA	NA	651.53	651.53
			08/16/18	NP	8.38	NM	NA	NA	650.25	650.25
			11/19/18	NP	7.62	13.37	NA	NA	651.01	651.01
			12/10/18	Monitoring Well Abandoned						
MW-82SR	658.92	5.0-15.0	02/22/19	NP	7.47	16.12	NA	NA	651.45	651.45
			06/14/19	NP	6.85	15.10	NA	NA	652.07	652.07
			09/26/19	NP	8.65	16.12	NA	NA	650.27	650.27
			11/04/19	NP	8.27	16.12	NA	NA	650.65	650.65
			02/05/20	NP	6.94	NM	NA	NA	651.98	651.98
			05/18/20	NP	6.92	16.15	NA	NA	652.00	652.00
			08/17/20	NP	8.42	NM	NA	NA	650.50	650.50
MW-82D	658.45	18.0-23.0	05/22/17	NP	7.34	22.45	NA	NA	651.11	651.11
			07/24/17	NP	8.50	22.80	NA	NA	649.95	649.95
			11/06/17	NP	9.41	22.72	NA	NA	649.04	649.04
			02/05/18	NP	8.65	22.81	NA	NA	649.80	649.80
			05/07/18	NP	7.33	22.74	NA	NA	651.12	651.12
			08/16/18	NP	8.49	NM	NA	NA	649.96	649.96
			11/19/18	NP	7.59	22.70	NA	NA	650.86	650.86
			03/06/19	NP	7.65	23.00	NA	NA	650.80	650.80
			06/14/19	NP	7.10	22.70	NA	NA	651.35	651.35
			09/26/19	NP	8.65	22.75	NA	NA	649.80	649.80
			11/04/19	NP	8.38	22.73	NA	NA	650.07	650.07
			02/05/20	NP	7.16	NM	NA	NA	651.29	651.29
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	8.45	NM	NA	NA	650.00	650.00
MW-83[1]	660.09	8.0-13.0	05/22/17	NP	6.46	12.11	NA	NA	653.63	653.63
			07/24/17	NP	7.61	12.44	NA	NA	652.48	652.48
			11/06/17	NP	8.08	12.46	NA	NA	652.01	652.01
			02/05/18	NP	7.53	12.48	NA	NA	652.56	652.56
			05/07/18	NP	6.28	12.43	NA	NA	653.81	653.81
			08/16/18	NP	7.71	NM	NA	NA	652.38	652.38
			11/19/18	NP	6.78	12.38	NA	NA	653.31	653.31
			02/22/19	NP	6.71	12.40	NA	NA	653.38	653.38
			06/14/19	NP	6.25	12.40	NA	NA	653.84	653.84
			09/26/19	NP	7.95	12.41	NA	NA	652.14	652.14
			11/04/19	NP	7.36	12.43	NA	NA	652.73	652.73
			02/05/20	NP	6.35	NM	NA	NA	653.74	653.74
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	7.78	NM	NA	NA	652.31	652.31
MW-83S	660.26	3.0-13.0	02/22/19	NP	6.87	12.80	NA	NA	653.39	653.39
			06/14/19	NP	6.41	12.80	NA	NA	653.85	653.85
			09/26/19	NP	8.12	12.79	NA	NA	652.14	652.14
			11/04/19	NP	7.49	12.79	NA	NA	652.77	652.77
			02/05/20	NP	6.43	NM	NA	NA	653.83	653.83
			05/18/20	NP	6.62	12.80	NA	NA	653.64	653.64
			08/17/20	NP	7.93	NM	NA	NA	652.33	652.33
MW-84	662.50	8.0-13.0	05/22/17	NP	3.26	12.28	NA	NA	659.24	659.24
			07/24/17	NP	5.19	12.59	NA	NA	657.31	657.31
			11/06/17	NP	5.54	12.52	NA	NA	656.96	656.96
			02/05/18	NP	4.60	12.60	NA	NA	657.90	657.90
			05/07/18	NP	2.90	12.55	NA	NA	659.60	659.60
			08/16/18	NP	5.22	NM	NA	NA	657.28	657.28
			11/19/18	NP	3.56	12.54	NA	NA	658.94	658.94
			02/22/19	NP	3.50	12.56	NA	NA	659.00	659.00
			06/14/19	NP	2.71	12.50	NA	NA	659.79	659.79
			09/26/19	NP	5.38	12.55	NA	NA	657.12	657.12
			11/04/19	NP	4.58	12.57	NA	NA	657.92	657.92
			02/05/20	NP	2.94	NM	NA	NA	659.56	659.56
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	5.04	NM	NA	NA	657.46	657.46

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 Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-84S	662.69	2.5-12.5	02/22/19	NP	3.67	12.71	NA	NA	659.02	659.02
			06/14/19	NP	2.85	12.72	NA	NA	659.84	659.84
			09/26/19	NP	5.54	12.72	NA	NA	657.15	657.15
			11/04/19	NP	4.74	12.71	NA	NA	657.95	657.95
			02/05/20	NP	3.36	NM	NA	NA	659.33	659.33
			05/18/20	NP	2.96	12.72	NA	NA	659.73	659.73
			08/17/20	NP	5.20	NM	NA	NA	657.49	657.49
MW-85	658.85	8.0-13.0	05/22/17	NP	4.71	12.43	NA	NA	654.14	654.14
			07/24/17	NP	6.12	12.75	NA	NA	652.73	652.73
			11/06/17	NP	6.34	12.70	NA	NA	652.51	652.51
			02/05/18	NP	5.53	12.76	NA	NA	653.32	653.32
			05/07/18	NP	4.16	12.69	NA	NA	654.69	654.69
			08/16/18	NP	6.12	NM	NA	NA	652.73	652.73
			11/19/18	NP	5.33	12.66	NA	NA	653.52	653.52
			02/22/19	NP	4.75	12.70	NA	NA	654.10	654.10
			06/14/19	NP	4.50	12.70	NA	NA	654.35	654.35
			09/26/19	NP	6.32	12.69	NA	NA	652.53	652.53
			11/04/19	NP	5.97	12.69	NA	NA	652.88	652.88
			02/05/20	NP	4.40	NM	NA	NA	654.45	654.45
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	6.06	NM	NA	NA	652.79	652.79
MW-85S	NS	2.5-12.5	12/07/18	NP	5.42	12.35	NA	NA	NA	NA
			03/01/19	Monitoring Well Abandoned						
MW-85SR	658.99	4.5-9.5	06/14/19	NP	4.70	8.45	NA	NA	654.29	654.29
			09/26/19	NP	6.45	8.45	NA	NA	652.54	652.54
			11/04/19	NP	6.08	8.45	NA	NA	652.91	652.91
			02/05/20	NP	4.57	NM	NA	NA	654.42	654.42
			05/18/20	NP	4.50	8.48	NA	NA	654.49	654.49
			08/17/20	NP	6.18	NM	NA	NA	652.81	652.81
MW-86	666.11	12.0-17.0	05/22/17	NP	6.25	16.35	NA	NA	652.74	652.74
			07/24/17	NP	8.07	16.66	NA	NA	650.92	650.92
			11/06/17	NP	8.70	16.58	NA	NA	657.41	657.41
			02/05/18	NP	7.87	16.72	NA	NA	658.24	658.24
			05/07/18	NP	6.03	16.60	NA	NA	660.08	660.08
			08/16/18	NP	8.06	NM	NA	NA	658.05	658.05
			11/19/18	NP	6.66	16.59	NA	NA	659.45	659.45
			02/22/19	NP	6.67	16.61	NA	NA	659.44	659.44
			06/14/19	NP	5.78	16.64	NA	NA	660.33	660.33
			09/26/19	NP	8.15	16.61	NA	NA	657.96	657.96
			11/04/19	NP	7.60	16.62	NA	NA	658.51	658.51
			02/05/20	NP	5.92	NM	NA	NA	660.19	660.19
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	7.83	NM	NA	NA	658.28	658.28
MW-86S	666.14	2.5-12.5	02/22/19	NP	6.83	12.33	NA	NA	659.31	659.31
			06/14/19	NP	5.93	12.33	NA	NA	660.21	660.21
			09/26/19	NP	8.33	12.36	NA	NA	657.81	657.81
			11/04/19	NP	7.80	12.34	NA	NA	658.34	658.34
			02/05/20	NP	6.09	NM	NA	NA	660.05	660.05
			05/18/20	NP	6.43	12.34	NA	NA	659.71	659.71
			08/17/20	NP	8.00	NM	NA	NA	658.14	658.14
MW-87	668.81	14.0-19.0	05/22/17	NP	9.41	18.55	NA	NA	659.40	659.40
			07/24/17	NP	10.65	18.85	NA	NA	658.16	658.16
			11/06/17	NP	11.42	18.79	NA	NA	657.39	657.39
			02/05/18	NP	11.06	18.86	NA	NA	657.75	657.75
			05/07/18	NP	9.39	18.80	NA	NA	659.42	659.42
			08/16/18	NP	10.61	NM	NA	NA	658.20	658.20
			11/19/18	NP	9.68	18.79	NA	NA	659.13	659.13
			02/22/19	NP	9.79	18.82	NA	NA	659.02	659.02
			06/14/19	NP	8.75	18.81	NA	NA	660.06	660.06
			09/26/19	NP	10.45	18.83	NA	NA	658.36	658.36
			11/04/19	NP	10.15	18.82	NA	NA	658.66	658.66
			02/05/20	NP	9.05	NM	NA	NA	659.76	659.76
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	10.08	NM	NA	NA	658.73	658.73
MW-87S	668.65	4.5-14.5	02/22/19	NP	9.95	14.14	NA	NA	658.70	658.70
			06/14/19	NP	8.55	14.12	NA	NA	660.10	660.10
			09/26/19	NP	10.28	14.10	NA	NA	658.37	658.37
			11/04/19	NP	9.98	13.82[2]	NA	NA	658.67	658.67
			02/05/20	NP	9.83	NM	NA	NA	658.82	658.82
			05/18/20	NP	8.98	14.13	NA	NA	659.67	659.67
			08/17/20	NP	9.88	NM	NA	NA	658.77	658.77

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 Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-96S	662.21	2.5-12.5	02/22/19	NP	5.13	12.10	NA	NA	657.08	657.08
			06/14/19	NP	4.57	12.08	NA	NA	657.64	657.64
			09/26/19	NP	6.74	12.09	NA	NA	655.47	655.47
			11/04/19	NP	6.01	12.10	NA	NA	656.20	656.20
			02/05/20	NP	4.58	NM	NA	NA	657.63	657.63
			05/18/20	NP	4.64	12.99	NA	NA	657.57	657.57
			08/17/20	NP	6.43	NM	NA	NA	655.78	655.78
MW-97S	660.07	2.5-12.5	03/06/19	NP	4.47	11.96	NA	NA	655.60	655.60
			06/14/19	NP	3.96	12.01	NA	NA	656.11	656.11
			09/26/19	NP	5.72	12.01	NA	NA	654.35	654.35
			11/04/19	NP	4.98	12.01	NA	NA	655.09	655.09
			02/05/20	NP	4.43	NM	NA	NA	655.64	655.64
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	5.37	NM	NA	NA	654.70	654.70
MW-98S	656.10	2.5-12.5	02/22/19	NP	1.60	12.09	NA	NA	654.50	654.50
			06/14/19	NP	0.79	12.10	NA	NA	655.31	655.31
			09/26/19	NP	3.23	12.09	NA	NA	652.87	652.87
			11/04/19	NP	2.10	12.09	NA	NA	654.00	654.00
			02/05/20	NP	1.21	NM	NA	NA	654.89	654.89
			05/18/20	NP	0.85	12.09	NA	NA	655.25	655.25
			08/17/20	NP	2.84	NM	NA	NA	653.26	653.26
MW-99S	667.38	3.0-13.0	02/22/19	NP	6.00	12.84	NA	NA	661.38	661.38
			06/14/19	NP	5.20	12.86	NA	NA	662.18	662.18
			09/26/19	NP	6.89	12.85	NA	NA	660.49	660.49
			11/04/19	NP	6.71	12.87	NA	NA	660.67	660.67
			02/05/20	NP	5.83	NM	NA	NA	661.55	661.55
			05/18/20	NP	5.81	12.88	NA	NA	661.57	661.57
			08/17/20	NP	6.75	NM	NA	NA	660.63	660.63
MW-100S	667.64	3.0-13.0	02/22/19	NP	6.64	12.90	NA	NA	661.00	661.00
			06/14/19	NP	5.53	12.88	NA	NA	662.11	662.11
			09/26/19	NP	6.98	12.89	NA	NA	660.66	660.66
			11/04/19	NP	6.76	12.90	NA	NA	660.88	660.88
			02/05/20	NP	6.33	NM	NA	NA	661.31	661.31
			05/18/20	NP	6.38	12.90	NA	NA	661.26	661.26
			08/17/20	NP	6.80	NM	NA	NA	660.84	660.84
MW-101S	668.82	4.5-14.5	03/06/19	NP	8.21	14.01	NA	NA	660.61	660.61
			06/14/19	NP	7.78	14.07	NA	NA	661.04	661.04
			09/26/19	NP	8.33	14.06	NA	NA	660.49	660.49
			11/04/19	NP	8.26	14.06	NA	NA	660.56	660.56
			02/05/20	NP	7.91	NM	NA	NA	660.91	660.91
			05/18/20	NP	7.95	14.07	NA	NA	660.87	660.87
			08/17/20	NP	8.05	NM	NA	NA	660.77	660.77
MW-102	660.87	10.0-15.0	02/22/19	NP	1.17	14.65	NA	NA	659.70	659.70
			06/14/19	NP	0.70	14.65	NA	NA	660.17	660.17
			09/26/19	NP	3.20	13.64	NA	NA	657.67	657.67
			11/04/19	NP	2.34	14.63	NA	NA	658.53	658.53
			02/05/20	NP	1.03	NM	NA	NA	659.84	659.84
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	2.96	NM	NA	NA	657.91	657.91
MW-102S	661.01	2.5-12.5	02/22/19	NP	1.33	12.35	NA	NA	659.68	659.68
			06/14/19	NP	0.80	12.35	NA	NA	660.21	660.21
			09/26/19	NP	3.50	12.36	NA	NA	657.51	657.51
			11/04/19	NP	2.53	12.37	NA	NA	658.48	658.48
			02/05/20	NP	1.21	NM	NA	NA	659.80	659.80
			05/18/20	NP	0.30	12.36	NA	NA	660.71	660.71
			08/17/20	NP	3.13	NM	NA	NA	657.88	657.88
MW-105S	661.45	2.5-12.5	02/22/19	NP	2.88	11.80	NA	NA	658.57	658.57
			06/14/19	NP	2.25	11.80	NA	NA	659.20	659.20
			09/26/19	NP	4.70	11.72	NA	NA	656.75	656.75
			11/04/19	NP	3.85	11.79	NA	NA	657.60	657.60
			02/05/20	NP	2.59	NM	NA	NA	658.86	658.86
			05/18/20	NP	1.69	11.75	NA	NA	659.76	659.76
			08/17/20	NP	4.52	NM	NA	NA	656.93	656.93
MW-106S	655.03	2.5-12.5	02/22/19	NP	2.76	11.70	NA	NA	652.27	652.27
			06/14/19	NP	2.18	11.65	NA	NA	652.85	652.85
			09/26/19	NP	4.49	11.64	NA	NA	650.54	650.54
			11/04/19	NP	3.40	11.62	NA	NA	651.63	651.63
			02/05/20	NP	2.54	NM	NA	NA	652.49	652.49
			05/18/20	NP	2.20	11.67	NA	NA	652.83	652.83
			08/17/20	NP	4.13	NM	NA	NA	650.90	650.90

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 Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-107S	657.86	2.5-12.5	02/22/19	NP	5.52	12.20	NA	NA	652.34	652.34
			06/14/19	NP	5.11	12.50	NA	NA	652.75	652.75
			09/26/19	NP	6.55	12.16	NA	NA	651.31	651.31
			11/04/19	NP	5.93	12.15	NA	NA	651.93	651.93
			02/05/20	NP	5.86	NM	NA	NA	652.00	652.00
			05/18/20	NP	5.18	12.15	NA	NA	652.68	652.68
			08/17/20	NP	6.43	NM	NA	NA	651.43	651.43
MW-108S	656.95	2.5-12.5	02/22/19	Could Not Locate						
			06/14/19	NP	3.05	12.25	NA	NA	653.90	653.90
			09/26/19	NP	5.09	12.26	NA	NA	651.86	651.86
			11/04/19	NP	4.03	12.27	NA	NA	652.92	652.92
			02/05/20	NP	2.93	NM	NA	NA	654.02	654.02
			05/18/20	NP	3.49	12.62	NA	NA	653.46	653.46
			08/17/20	NP	4.79	NM	NA	NA	652.16	652.16
MW-131S	660.96	2.5-12.5	02/22/19	NP	4.13	12.70	NA	NA	656.83	656.83
			06/14/19	NP	6.70	12.65	NA	NA	654.26	654.26
			09/26/19	NP	5.88	12.69	NA	NA	655.08	655.08
			11/04/19	NP	5.32	12.68	NA	NA	655.64	655.64
			02/05/20	NP	3.78	NM	NA	NA	657.18	657.18
			05/18/20	NP	3.51	12.71	NA	NA	657.45	657.45
			08/17/20	NP	5.65	NM	NA	NA	655.31	655.31
MW-132S	659.86	2.5-12.5	02/22/19	NP	5.28	12.38	NA	NA	654.58	654.58
			06/14/19	NP	5.25	12.40	NA	NA	654.61	654.61
			09/26/19	NP	6.31	12.39	NA	NA	653.55	653.55
			11/04/19	NP	5.91	12.39	NA	NA	653.95	653.95
			02/05/20	NP	5.06	NM	NA	NA	654.80	654.80
			05/18/20	NP	5.20	12.40	NA	NA	654.66	654.66
			08/17/20	NP	6.10	NM	NA	NA	653.76	653.76
MW-133S	657.91	4.0-9.0	06/14/19	NP	5.35	8.55	NA	NA	652.56	652.56
			09/26/19	NP	7.25	8.55	NA	NA	650.66	650.66
			11/04/19	NP	6.73	8.56	NA	NA	651.18	651.18
			02/05/20	NP	5.34	NM	NA	NA	652.57	652.57
			05/18/20	NP	5.51	8.57	NA	NA	652.40	652.40
			08/17/20	NP	7.06	NM	NA	NA	650.85	650.85
MW-134S	658.75	5.0-10.0	06/14/19	NP	6.30	9.40	NA	NA	652.45	652.45
			09/26/19	NP	8.19	9.46	NA	NA	650.56	650.56
			11/04/19	NP	7.71	9.45	NA	NA	651.04	651.04
			02/05/20	NP	5.23	NM	NA	NA	653.52	653.52
			05/18/20	NP	6.42	9.48	NA	NA	652.33	652.33
			08/17/20	NP	8.05	NM	NA	NA	650.70	650.70
MW-135S[1]	657.67	5.0-10.0	06/14/19	NP	5.30	9.70	NA	NA	652.37	652.37
			09/26/19	NP	7.14	9.68	NA	NA	650.53	650.53
	657.44		11/04/19	NP	6.74	9.70	NA	NA	650.70	650.70
			02/05/20	NP	5.21	NM	NA	NA	652.23	652.23
			05/18/20	NP	5.41	9.71	NA	NA	652.03	652.03
			08/17/20	NP	7.02	NM	NA	NA	650.42	650.42
MW-136S	655.53	2.0-7.0	06/14/19	NP	2.16	7.50	NA	NA	653.37	653.37
			09/26/19	NP	4.66	7.15	NA	NA	650.87	650.87
			11/04/19	NP	3.23	7.14	NA	NA	652.30	652.30
			02/05/20	NP	2.38	NM	NA	NA	653.15	653.15
			05/18/20	NP	2.11	7.17	NA	NA	653.42	653.42
			08/17/20	NP	4.47	NM	NA	NA	651.06	651.06
MW-137S[1]	656.10	2.0-7.0	06/14/19	NP	1.60	7.20	NA	NA	654.50	654.50
			09/26/19	NP	4.43	7.10	NA	NA	651.67	651.67
	656.10		11/04/19	NP	3.05	7.03	NA	NA	653.05	653.05
			02/05/20	NP	1.69	NM	NA	NA	654.41	654.41
			05/18/20	NP	1.14	7.05	NA	NA	654.96	654.96
			08/17/20	NP	4.21	NM	NA	NA	651.89	651.89
MW-138S	653.92	2.0-7.0	06/14/19	NP	0.20	5.95	NA	NA	653.72	653.72
			09/26/19	NP	2.68	5.97	NA	NA	651.24	651.24
			11/04/19	NP	1.16	5.94	NA	NA	652.76	652.76
			02/05/20	NP	0.67	NM	NA	NA	653.25	653.25
			05/18/20	NP	0.50	5.98	NA	NA	653.42	653.42
			08/17/20	NP	2.28	NM	NA	NA	651.64	651.64
MW-139S	660.14	2.0-7.0	06/14/19	NP	1.17	6.90	NA	NA	658.97	658.97
			09/26/19	NP	4.10	6.90	NA	NA	656.04	656.04
			11/04/19	NP	3.14	6.90	NA	NA	657.00	657.00
			02/05/20	NP	1.85	NM	NA	NA	658.29	658.29
			05/18/20	NP	0.95	6.92	NA	NA	659.19	659.19
			08/17/20	NP	3.75	NM	NA	NA	656.39	656.39

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 Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-140S	662.23	2.0-7.0	06/14/19	NP	2.46	6.48	NA	NA	659.77	659.77
			09/26/19	NP	5.29	6.46	NA	NA	656.94	656.94
			11/04/19	NP	4.40	6.46	NA	NA	657.83	657.83
			02/05/20	NP	2.61	NM	NA	NA	659.62	659.62
			05/18/20	NP	2.40	6.48	NA	NA	659.83	659.83
			08/17/20	NP	4.95	NM	NA	NA	657.28	657.28
MW-141S	663.67	3.0-8.0	06/14/19	NP	4.00	7.60	NA	NA	659.67	659.67
			09/26/19	NP	7.18	7.68	NA	NA	656.49	656.49
			11/04/19	NP	6.30	7.69	NA	NA	657.37	657.37
			02/05/20	NP	4.45	NM	NA	NA	659.22	659.22
			05/18/20	NP	4.10	7.69	NA	NA	659.57	659.57
			08/17/20	NP	6.92	NM	NA	NA	656.75	656.75
MW-142S	657.49	2.5-7.5	06/14/19	NP	3.55	6.75	NA	NA	653.94	653.94
			09/26/19	NP	5.34	6.75	NA	NA	652.15	652.15
			11/04/19	NP	4.51	6.86	NA	NA	652.98	652.98
			02/05/20	NP	3.49	NM	NA	NA	654.00	654.00
			05/18/20	NP	3.32	6.75	NA	NA	654.17	654.17
			08/17/20	NP	5.02	NM	NA	NA	652.47	652.47
MW-192S	654.62	2.5-7.5	06/14/19	NP	1.45	7.70	NA	NA	653.17	653.17
			09/26/19	NP	3.10	7.68	NA	NA	651.52	651.52
			11/04/19	NP	2.04	7.63	NA	NA	652.58	652.58
			02/05/20	NP	1.80	NM	NA	NA	652.82	652.82
			05/18/20	NP	1.47	7.72	NA	NA	653.15	653.15
			08/17/20	NP	2.62	NM	NA	NA	652.00	652.00
MW-202S	675.53	3.5-8.5	02/05/20	NP	4.57	8.5[3]	NA	NA	670.96	670.96
			05/18/20	NP	4.76	8.43	NA	NA	670.77	670.77
			08/17/20	NP	5.00	NM	NA	NA	670.53	670.53
MW-203S	675.15	3.0-8.0	02/05/20	NP	4.10	8.0[3]	NA	NA	671.05	671.05
			05/18/20	NP	4.30	8.22	NA	NA	670.85	670.85
			08/17/20	NP	4.50	NM	NA	NA	670.65	670.65
MW-204	676.96	12.0-17.0	02/05/20	NP	5.20	17.0[3]	NA	NA	671.76	671.76
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	5.82	NM	NA	NA	671.14	671.14
MW-204S	677.00	4.0-9.0	02/05/20	NP	5.24	9.0[3]	NA	NA	671.76	671.76
			05/18/20	NP	5.47	8.63	NA	NA	671.53	671.53
			08/17/20	NP	5.85	NM	NA	NA	671.15	671.15
MW-205	679.00	12.0-17.0	02/05/20	NP	6.74	17.0[3]	NA	NA	672.26	672.26
			05/18/20	NM[4]	NM[4]	NM[4]	NA[4]	NA[4]	NM[4]	NM[4]
			08/17/20	NP	7.23	NM	NA	NA	671.77	671.77
MW-205S	678.95	4.5-9.5	02/05/20	NP	6.69	9.5[3]	NA	NA	672.26	672.26
			05/18/20	NP	7.03	9.01	NA	NA	671.92	671.92
			08/17/20	NP	7.18	NM	NA	NA	671.77	671.77
MW-206S	680.07	6.5-11.5	02/05/20	NP	8.20	11.5[3]	NA	NA	671.87	671.87
			05/18/20	NP	8.51	11.45	NA	NA	671.56	671.56
			08/17/20	NP	8.65	NM	NA	NA	671.42	671.42
MW-214S	667.97	5.5-10.5	02/05/20	NP	5.67	8.0[3]	NA	NA	662.30	662.30
			05/18/20	NP	6.34	10.96	NA	NA	661.63	661.63
			08/17/20	NM[5]	NM[5]	NM[5]	NA[5]	NA[5]	NM[5]	NM[5]
MW-215S	665.74	3.0-8.0	02/05/20	NP	4.78	10.5[3]	NA	NA	660.96	660.96
			05/18/20	NP	4.65	7.62	NA	NA	661.09	661.09
			08/17/20	NM[5]	NM[5]	NM[5]	NA[5]	NA[5]	NM[5]	NM[5]
MW-223S	670.85	8.5-13.5	02/05/20	NP	10.68	13.5[3]	NA	NA	660.17	660.17
			05/18/20	NP	10.67	13.22	NA	NA	660.18	660.18
			08/17/20	NM[5]	NM[5]	NM[5]	NA[5]	NA[5]	NM[5]	NM[5]

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.
[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.
[5] Monitoring well not measured during the third 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:		Residential Drinking Water Criteria	MW-72 15-20														MW-72S 3-13							
Screen Interval (ft. bgs):																								
Sample Date:	Unit		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	8/12/2020	12/17/2018	3/5/2019	5/8/2019	9/23/2019	11/6/2019	2/13/2020	5/20/2020	8/14/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/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	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																								
1,1-Dichloroethene	µg/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	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/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	< 1.0	< 1.0
Tetrachloroethene	µg/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	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/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	< 1.0	< 1.0
Trichloroethene	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/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**	**1.8**	< 1.0	0.24 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																								
Iron, Dissolved	µg/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, Total	µg/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	µg/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, Total	µg/l	50	NA	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	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 (TOC)																								
Carbon, Dissolved	mg/l	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																								
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	NA	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): / Sample 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	8/12/2020	12/17/2018	3/4/2019	5/8/2019	9/24/2019	11/11/2019	2/10/2020	5/22/2020	8/12/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/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	2.5	0.87 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																								
1,1-Dichloroethene	µg/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	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/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	< 1.0	2.3	2.1	1.8	3.0	2.4	1.3	1.6	1.3
Tetrachloroethene	µg/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	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/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	0.43 J	0.25 J	< 1.0	0.35 J	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/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	< 1.0	0.29 J	< 1.0 UB	< 1.0	0.34 J	< 1.0	0.15 J	< 1.0	< 1.0
Vinyl chloride	µg/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	< 1.0	**1.7**	**1.5**	< 1.0	**1.3**	1.0	0.87 J	**1.4**	< 1.0
Metals																								
Iron, Dissolved	µg/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, Total	µg/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	µg/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, Total	µg/l	50	NA	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	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 (TOC)																								
Carbon, Dissolved	mg/l	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																								
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	NA	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): / Sample 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	8/12/2020	12/21/2018	3/8/2019	5/8/2019	9/18/2019	11/6/2019	2/7/2020	5/21/2020	8/12/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/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	1.7 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																								
1,1-Dichloroethene	µg/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	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/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	0.59 J	1.3	0.82 J	0.97 J	1.0	1.5	0.56 J	0.96 J	0.43 J
Tetrachloroethene	µg/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	< 1.0	0.21 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/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	< 1.0	< 1.0
Trichloroethene	µg/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	< 1.0
Vinyl chloride	µg/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	**2.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																								
Iron, Dissolved	µg/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, Total	µg/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	µg/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, Total	µg/l	50	NA	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	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 (TOC)																								
Carbon, Dissolved	mg/l	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																								
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	NA	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): / Sample 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	8/11/2020	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	µg/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	2.2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	µg/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 J	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/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 J	< 1.0	< 1.0
Tetrachloroethene	µg/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	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/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 J	< 1.0	< 1.0
Trichloroethene	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
Vinyl chloride	µg/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**	**2.2**	0.45 J	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
Metals																							
Iron, Dissolved	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	NA	**330**	NA	NA	NA	NA
Iron, Total	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	210	NA	**350**	NA	NA	NA	NA
Manganese, Dissolved	µg/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**63**	NA	42	NA	NA	NA	NA
Manganese, Total	µg/l	50	NA	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	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	NA	89	NA	110	NA	NA	NA	NA
Total Organic Carbon (TOC)																							
Carbon, Dissolved	mg/l	--	NA	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.6	NA	13	NA	NA	NA	NA
Gases																							
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.95 J	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
Methane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,200	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:		Residential Drinking Water Criteria	MW-75SR 2.5-12.5								MW-76 15-20													
Screen Interval (ft. bgs):																								
Sample Date:	Unit		12/18/2018	3/7/2019	5/9/2019	9/18/2019	11/26/2019	2/4/2020	5/20/2020	8/11/2020	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	8/10/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/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	< 2.0
Volatile Organic Compounds (VOCs)																								
1,1-Dichloroethene	µg/l	7.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 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	1.0
Tetrachloroethene	µg/l	5.0	< 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 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 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	< 1.0
Trichloroethene	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/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	< 1.0	< 1.0
Metals																								
Iron, Dissolved	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	**340**	NA	270	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	**480**	NA	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	µg/l	50	NA	NA	NA	NA	NA	NA	NA	NA	**760**	NA	**760**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	µg/l	50	NA	NA	NA	NA	NA	NA	NA	NA	**800**	NA	**770**	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	1.2 J	NA	3.3 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	120	NA	160	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																								
Carbon, Dissolved	mg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	1.1	NA	4.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	0.90 J	NA	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																								
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.5	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:		Residential Drinking Water Criteria	MW-76S 4.5-14.5								MW-77 9-14												
Screen Interval (ft. bgs):																							
Sample Date:	Unit		12/21/2018	3/1/2019	5/8/2019	9/17/2019	11/5/2019	2/3/2020	5/19/2020	8/10/2020	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	8/6/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	µg/l	7.2*	< 2.0	< 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	< 2.0
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	µg/l	7.0	< 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	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 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	0.74 J
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0 J	< 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	µg/l	100	< 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	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	1.0**	< 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	< 1.0
Vinyl chloride	µg/l	1.0**	< 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	< 1.0
Metals																							
Iron, Dissolved	µg/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	µg/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	µg/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	µg/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	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																							
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	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): / Sample 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	8/6/2020	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	8/5/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	µg/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	< 2.0	0.90 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	µg/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	µg/l	70	< 1.0	< 1.0 UB	< 1.0	< 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	< 1.0
Tetrachloroethene	µg/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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/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	µg/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	< 1.0	< 1.0
Vinyl chloride	µg/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	< 1.0	< 1.0
Metals																							
Iron, Dissolved	µg/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	µg/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	µg/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	µg/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	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																							
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	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:		Residential Drinking Water Criteria	MW-78S 2.5-12.5								MW-79D 10-15													
Screen Interval (ft. bgs):																								
Sample Date:	Unit		12/19/2018	2/26/2019	5/13/2019	9/19/2019	11/14/2019	2/12/2020	5/19/2020	8/5/2020	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	8/6/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 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	1.3 J
Volatile Organic Compounds (VOCs)																								
1,1-Dichloroethene	µg/l	7.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/l	70	< 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	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	µg/l	5.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/l	100	< 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	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	< 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**	**1.4**
Metals																								
Iron, Dissolved	µg/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, Total	µg/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	µg/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, Total	µg/l	50	NA	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	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 (TOC)																								
Carbon, Dissolved	mg/l	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																								
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	NA	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:		Residential Drinking Water Criteria	MW-79S 5-10							MW-79SR 2.5-12.5								MW-80S 7-12						
Screen Interval (ft. bgs):																								
Sample Date:	Unit		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	8/6/2020	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	µg/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	< 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	µg/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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	µg/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	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/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	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/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	< 1.0	**4.6**	**7.1**	**7.6**	**2.9**	**6.3**	**6.2**	**4.1**
Metals																								
Iron, Dissolved	µg/l	300	**990**	NA	**2,500**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**600**	NA	**3,600**	NA	NA	NA	NA
Iron, Total	µg/l	300	**1,100**	NA	**2,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**530**	NA	**3,600**	NA	NA	NA	NA
Manganese, Dissolved	µg/l	50	**110**	NA	**200**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**200**	NA	**230**	NA	NA	NA	NA
Manganese, Total	µg/l	50	**120**	NA	**200**	NA	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	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	NA	97	NA	110	NA	NA	NA	NA
Total Organic Carbon (TOC)																								
Carbon, Dissolved	mg/l	--	4.1	NA	4.9	NA	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	--	3.1	NA	4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.5	NA	5.2	NA	NA	NA	NA
Gases																								
Ethane	µg/l	--	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
Methane	µg/l	--	NA	NA	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	55	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): / Sample 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	8/4/2020	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	8/18/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	µg/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	0.84 J	< 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	< 2.0
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	µg/l	7.0	< 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	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/l	70	< 1.0	0.18 J	< 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
Tetrachloroethene	µg/l	5.0	< 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	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/l	100	< 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	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	**1.4**	**2.1**	**3.2**	**3.4**	**3.6**	**1.8**	**2.2**	**4.3**	< 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
Metals																							
Iron, Dissolved	µg/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	µg/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	µg/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	µg/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	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																							
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	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:		Residential Drinking Water Criteria	MW-81S 2.5-12.5							MW-82D 18-23												
Screen Interval (ft. bgs):																						
Sample Date:	Unit		12/26/2018	3/6/2019	5/17/2019	9/19/2019	11/7/2019	2/11/2020	8/18/2020	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	8/11/2020
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	µg/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	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	µg/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 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/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 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	µg/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 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/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 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/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 J	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																						
Iron, Dissolved	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	µg/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	µg/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	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	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): / Sample Date:	Unit	Residential Drinking Water Criteria	MW-82S 9-14							MW-82SR 5-15						
			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	8/11/2020
Semi-volatile Organic Compounds (SVOCs)																
1,4-Dioxane	µg/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
Volatile Organic Compounds (VOCs)																
1,1-Dichloroethene	µg/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
cis-1,2-Dichloroethene	µg/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
Tetrachloroethene	µg/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
trans-1,2-Dichloroethene	µg/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
Trichloroethene	µg/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
Vinyl chloride	µg/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
Metals																
Iron, Dissolved	µg/l	300	180	NA	**710**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	µg/l	300	**380**	NA	**720**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	µg/l	50	**510**	NA	**390**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	µg/l	50	**550**	NA	**380**	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
Sulfate	mg/l	250	**470**	NA	**270**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																
Carbon, Dissolved	mg/l	--	2.7	NA	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	--	2.1	NA	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																
Ethane	µg/l	--	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	NA	NA	10	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): / Sample Date:	Unit	Residential Drinking Water Criteria	MW-83 8-13													MW-83S 3-13							
			5/26/2017	7/25/2017	11/9/2017	2/8/2018	5/11/2018	8/8/2018	10/22/2018	3/5/2019	5/22/2019	9/18/2019	11/5/2019	2/11/2020	8/11/2020	12/26/2018	3/5/2019	5/22/2019	9/18/2019	11/5/2019	2/11/2020	8/11/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	µg/l	7.2*	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	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	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	µg/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	< 1.0
cis-1,2-Dichloroethene	µg/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	< 1.0
Tetrachloroethene	µg/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	< 1.0
trans-1,2-Dichloroethene	µg/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	< 1.0
Trichloroethene	µg/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	0.23 J	<1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																							
Iron, Dissolved	µg/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	µg/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	µg/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	µg/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	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																							
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	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:		Residential Drinking Water Criteria	MW-84 8-13														MW-84S 2.5-12.5							
Screen Interval (ft. bgs):																								
Sample Date:	Unit		5/25/2017	7/25/2017	11/9/2017	2/8/2018	5/8/2018	8/6/2018	10/23/2018	2/28/2019	5/21/2019	9/24/2019	11/25/2019	2/12/2020	5/19/2020	8/5/2020	12/21/2018	2/28/2019	5/9/2019	9/24/2019	11/25/2019	2/12/2020	5/19/2020	8/5/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	7.2*	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.86 J	< 2.0 J	< 2.0	< 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	< 2.0
Volatile Organic Compounds (VOCs)																								
1,1-Dichloroethene	µg/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	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/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	< 1.0	< 1.0
Tetrachloroethene	µg/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	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/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	< 1.0	< 1.0
Trichloroethene	µg/l	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	0.10 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.17 J	< 1.0	0.12 J	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																								
Iron, Dissolved	µg/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, Total	µg/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	µg/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, Total	µg/l	50	NA	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	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 (TOC)																								
Carbon, Dissolved	mg/l	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																								
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	NA	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:		Residential Drinking Water Criteria	MW-85 8-13														MW-85S 2.5-12.5	MW-85SR 4.5-9.5					
Screen Interval (ft. bgs):																							
Sample Date:	Unit		5/25/2017	7/25/2017	11/7/2017	2/8/2018	5/8/2018	8/8/2018	10/22/2018	2/26/2019	5/17/2019	9/17/2019	11/13/2019	2/3/2020	5/19/2020	8/14/2020	12/21/2018	4/12/2019	9/17/2019	11/13/2019	2/3/2020	5/19/2020	8/14/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	µg/l	7.2*	NA	0.29 J	< 2.0	0.41 J	0.45 J	< 2.0	1.0 J	< 2.0	1.3 J	< 2.0	0.49 J	1.2 J	< 2.0	0.93 J	1.1 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																							
1,1-Dichloroethene	µg/l	7.0	NA	< 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
cis-1,2-Dichloroethene	µg/l	70	NA	< 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
Tetrachloroethene	µg/l	5.0	NA	< 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
trans-1,2-Dichloroethene	µg/l	100	NA	< 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
Trichloroethene	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	**8.6**	**7.3**	**7.3**	**5.5**	**7.5**	**7.2**	**5.5**	**5.5**	**5.4**	**6.5**	**5.1 J**	**4.9**	**3.9**	**5.4**	**7.8**	**2.2**	**2.1**	**1.4**	**1.4**	0.33 J	**2.2**
Metals																							
Iron, Dissolved	µg/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	µg/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	µg/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	µg/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	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																							
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	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:		Residential Drinking Water Criteria	MW-86 12-17													MW-86S 2.5-12.5						
Screen Interval (ft. bgs):																						
Sample Date:	Unit		5/25/2017	7/26/2017	11/10/2017	2/8/2018	5/10/2018	8/6/2018	10/24/2018	2/28/2019	5/21/2019	9/19/2019	11/25/2019	2/11/2020	8/7/2020	12/18/2018	2/28/2019	5/13/2019	9/19/2019	11/25/2019	2/11/2020	8/7/2020
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	µg/l	7.2*	NA	0.99 J	0.87 J	< 2.0	1.2 J	< 2.0	1.4 J	< 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
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	µg/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	µg/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	µg/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	µg/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	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																						
Iron, Dissolved	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	µg/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	µg/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	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	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): / Sample Date:	Unit	Residential Drinking Water Criteria	MW-87 14-19													MW-87S 4.5-14.5						
			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	11/22/2019	2/12/2020	8/6/2020	12/21/2018	3/1/2019	5/13/2019	9/20/2019	11/22/2019	2/12/2020	8/6/2020
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	µg/l	7.2*	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.88 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
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	µg/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	µg/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	µg/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	µg/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	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																						
Iron, Dissolved	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	µg/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	µg/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	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	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:		Residential Drinking Water Criteria	MW-96S 2.5-12.5							MW-97S 2.5-12.5							MW-98S 2.5-12.5							
Screen Interval (ft. bgs):																								
Sample Date:	Unit		12/18/2018	2/27/2019	5/16/2019	9/20/2019	11/26/2019	2/13/2020	8/3/2020	12/27/2018	3/6/2019	5/10/2019	9/19/2019	11/22/2019	2/13/2020	8/5/2020	12/19/2018	3/6/2019	5/10/2019	9/20/2019	11/13/2019	2/10/2020	5/19/2020	8/5/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/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	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																								
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
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	0.21 J	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	µg/l	5.0	< 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
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
Trichloroethene	µg/l	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
Vinyl chloride	µg/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 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																								
Iron, Dissolved	µg/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, Total	µg/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	µg/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, Total	µg/l	50	NA	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	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 (TOC)																								
Carbon, Dissolved	mg/l	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																								
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	NA	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:		Residential Drinking Water Criteria	MW-99S 3-13								MW-100S 3-13							
Screen Interval (ft. bgs):																		
Sample Date:	Unit		12/21/2018	3/7/2019	5/9/2019	9/16/2019	11/6/2019	2/4/2020	5/21/2020	8/11/2020	12/18/2018	2/27/2019	5/9/2019	9/16/2019	11/26/2019	2/4/2020	5/21/2020	8/11/2020
Semi-volatile Organic Compounds (SVOCs)																		
1,4-Dioxane	µg/l	7.2*	< 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	< 2.0
Volatile Organic Compounds (VOCs)																		
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
cis-1,2-Dichloroethene	µg/l	70	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	< 1.0	< 1.0
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 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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
Trichloroethene	µg/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
Vinyl chloride	µg/l	1.0**	< 1.0	< 1.0 UB	< 1.0	< 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	< 1.0
Metals																		
Iron, Dissolved	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	µg/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	µg/l	50	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
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																		
Carbon, Dissolved	mg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																		
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	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): / Sample 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	8/10/2020	12/19/2018	2/25/2019	5/17/2019	9/18/2019	11/18/2019	2/14/2020	5/22/2020	8/14/2020	12/19/2018	2/25/2019	5/14/2019	9/18/2019	11/18/2019	2/14/2020	5/22/2020	8/14/2020
Semi-volatile Organic Compounds (SVOCs)																										
1,4-Dioxane	µg/l	7.2*	< 2.0	< 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	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																										
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
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	< 1.0
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
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
Trichloroethene	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	< 1.0	< 1.0 UB	< 1.0	< 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	< 1.0	< 1.0
Metals																										
Iron, Dissolved	µg/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, Total	µg/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	µg/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, Total	µg/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
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	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 (TOC)																										
Carbon, Dissolved	mg/l	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																										
Ethane	µg/l	--	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	µg/l	--	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	µg/l	--	NA	NA	NA	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): / Sample 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	8/14/2020	12/19/2018	2/27/2019	5/16/2019	9/23/2019	11/15/2019	2/10/2020	5/19/2020	8/5/2020	12/26/2018	2/27/2019	5/10/2019	9/24/2019	11/12/2019	2/10/2020	5/19/2020	8/4/2020
Semi-volatile Organic Compounds (SVOCs)																										
1,4-Dioxane	µg/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	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																										
1,1-Dichloroethene	µg/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	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/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	< 1.0	< 1.0	< 1.0
Tetrachloroethene	µg/l	5.0	< 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	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/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	< 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
Trichloroethene	µg/l	1.0**	< 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	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/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	< 1.0	< 1.0	< 1.0
Metals																										
Iron, Dissolved	µg/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, Total	µg/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	µg/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, Total	µg/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
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	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 (TOC)																										
Carbon, Dissolved	mg/l	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																										
Ethane	µg/l	--	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	µg/l	--	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	µg/l	--	NA	NA	NA	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:		Residential Drinking Water Criteria	MW-108S 2.5-12.5							MW-131S 2.5-12.5								MW-132S 2.5-12.5							
Screen Interval (ft. bgs):																									
Sample Date:	Unit		12/26/2018	5/14/2019	9/19/2019	11/12/2019	2/3/2020	5/19/2020	8/14/2020	12/26/2018	2/26/2019	5/14/2019	9/16/2019	11/12/2019	2/4/2020	5/19/2020	8/17/2020	12/26/2018	2/26/2019	5/14/2019	9/16/2019	11/12/2019	2/4/2020	5/19/2020	8/13/2020
Semi-volatile Organic Compounds (SVOCs)																									
1,4-Dioxane	µg/l	7.2*	0.90 J	0.93 J	< 2.0	< 2.0	< 2.0	< 2.0	1.2 J	1.0 J	< 2.0	1.3 J	1.3 J	0.52 J	< 2.0	1.1 J	1.1 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																									
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
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
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
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
Trichloroethene	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	< 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	< 1.0
Metals																									
Iron, Dissolved	µg/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, Total	µg/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	µg/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, Total	µg/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
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	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 (TOC)																									
Carbon, Dissolved	mg/l	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																									
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	NA	NA	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): / Sample Date:	Unit	Residential Drinking Water Criteria	MW-133S 4-9						MW-134S 5-10						MW-135S 5-10					
			2/14/2019	5/23/2019	9/17/2019	11/7/2019	2/10/2020	8/10/2020	2/14/2019	5/20/2019	9/17/2019	11/5/2019	2/11/2020	8/7/2020	2/14/2019	5/20/2019	9/16/2019	11/5/2019	2/12/2020	8/5/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	µg/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	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
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
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
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
Trichloroethene	µg/l	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 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	< 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
Metals																				
Iron, Dissolved	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	µg/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	µg/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	µg/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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	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:		Residential Drinking Water Criteria	MW-136S 2-7							MW-137S 2-7							MW-138S 2-7						
Screen Interval (ft. bgs):																							
Sample Date:	Unit		2/19/2019	5/22/2019	9/18/2019	11/13/2019	2/10/2020	5/19/2020	8/4/2020	2/23/2019	5/13/2019	9/23/2019	11/5/2019	2/4/2020	5/19/2020	8/4/2020	2/19/2019	5/16/2019	9/23/2019	11/15/2019	2/12/2020	5/26/2020	8/5/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	µg/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	< 2.0
Volatile Organic Compounds (VOCs)																							
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
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
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
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 J	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	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 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	< 1.0	< 1.0	0.96 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.91 J	**1.1**	0.50 J	0.27 J	< 1.0	0.54 J	**1.7**	**1.6**	**1.4**	**1.2**	**1.3**	**2.8**	**2.1**
Metals																							
Iron, Dissolved	µg/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	µg/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	µg/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	µg/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	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																							
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	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:		Residential Drinking Water Criteria	MW-139S 2-7							MW-140S 2-7							MW-141S 3-8						
Screen Interval (ft. bgs):																							
Sample Date:	Unit		2/26/2019	5/9/2019	9/20/2019	11/13/2019	2/12/2020	5/19/2020	8/6/2020	2/26/2019	5/16/2019	9/18/2019	11/12/2019	2/5/2020	5/20/2020	8/6/2020	2/27/2019	5/15/2019	9/18/2019	11/13/2019	2/11/2020	5/20/2020	8/6/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	µg/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	< 2.0
Volatile Organic Compounds (VOCs)																							
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
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
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
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
Trichloroethene	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																							
Iron, Dissolved	µg/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	µg/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	µg/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	µg/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	--	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																							
Ethane	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	µg/l	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	µg/l	--	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): / Sample Date:	Unit	Residential Drinking Water Criteria	MW-142S 2.5-7.5							MW-192S 2.5-7.5						MW-204 12-17			MW-204S 4-9			MW-205 12-17			MW-205S 4.5-9.5		
			2/25/2019	5/23/2019	9/16/2019	11/13/2019	2/3/2020	5/19/2020	8/14/2020	4/11/2019	9/20/2019	11/15/2019	2/12/2020	5/19/2020	8/5/2020	1/3/2020	2/7/2020	8/3/2020	12/27/2019	2/7/2020	8/3/2020	1/3/2020	2/7/2020	8/3/2020	12/30/2019	2/7/2020	8/3/2020
Semi-volatile Organic Compounds (SVOCs)																											
1,4-Dioxane	µg/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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds (VOCs)																											
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	NA	NA	NA	NA	NA	NA	NA	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	0.34 J	0.53 J	< 1.0	< 1.0	0.49 UB	< 2.5 UB	< 2.5	1.3 J	17	7.5	14	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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	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 J	< 1.0	< 1.0	< 1.0	1.7 J	< 2.5	< 2.5	1.8	0.70 J	< 6.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	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	**61**	**67**	**62**	**37**	**21**	**130**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.5	<2.5	< 2.5	<1.7	<1.7	< 6.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																											
Iron, Dissolved	µg/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, Total	µg/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	µg/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, Total	µg/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
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	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 (TOC)																											
Carbon, Dissolved	mg/l	--	NA	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	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																											
Ethane	µg/l	--	NA	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	µg/l	--	NA	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	µg/l	--	NA	NA	NA	NA	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

Notes:
Table includes routine data collected from off-site 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.
-- No standard

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	Not sampled
µg/l	Micrograms per liter

Analytical Methods:
Method 8260B SIM used for Semi-Volatile Organic Compounds (SVOCs)

Method 8260B used for Volatile Organic Compounds (VOCs)

Method RSK-175 used for Dissolved Gases

Method 6020 used for Metals

Method 5310C-2000 used for Dissolved Organic Carbon (DOC)/Total Organic Carbon/Persulfate

Method 9056A used for Anions

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Table 5
Northwest Area Groundwater Monitoring Well Analytical Results Summary
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Nonresidential 12-hr Groundwater in Contact (GWIC) Criteria	EGLE Nonresidential Drinking Water (DW) Criteria	EGLE Nonresidential Groundwater Surface Water Interface (GSI) Criteria	MW-15-59D										MW-124						MW-194			MW-194S			MW-195S		
Depth Interval:					94-99										5-10						12-17			2-7			2-7		
Date:	Unit				02/06/2018	05/15/2018	08/09/2018	10/31/2018	03/05/2019	06/13/2019	09/27/2019	11/22/2019	02/21/2020	8/21/2020	04/23/2019	06/13/2019	09/30/2019	11/15/2019	02/20/2020	8/27/2020	11/20/2019	02/10/2020	8/12/2020	11/20/2019	02/10/2020	8/13/2020	11/20/2019	02/10/2020	8/13/2020
Semi-Volatile Organic Compounds (SVOCs via Method 8260 SIM)																													
1,4-Dioxane	µg/l	1,200,000	350	280	< 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	**1.5 J**	**1.7 J**	**2.3**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs via Method 8260)																													
1,1-Dichloroethene	µg/l	8,600	7.0	130	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 100
cis-1,2-Dichloroethene	µg/l	2,400	70	620	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.7**	**1.8**	**2.1**	**2.3**	**1.8**	**2.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	***120***	***82 J***	***110***
Tetrachloroethene	µg/l	3,300	5.0	60	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 100
trans-1,2-Dichloroethene	µg/l	10,000	100	1,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.19 J**	**0.26 J**	**0.24 J**	**0.27 J**	**0.20 J**	**0.30 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	***150***	**100**	***170***
Trichloroethene	µg/l	210	5.0	200	< 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	***3,400***	***2,300***	***3,900***
Vinyl chloride	µg/l	280	2.0	13	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.32 J**	**0.40 J**	< 1.0	**0.19 J**	**0.27 J**	**0.41 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	***16***	< 100	< 100

Notes:

Bold	Value was detected above the laboratory reporting limit
Shaded	Value exceeds the Nonresidential Volatilization to Indoor Air (12-hr) Groundwater in Contact (GWIC) Criteria
Italics	Value exceeds the Nonresidential Drinking Water (DW) Criteria
Red text	Value exceeds the Nonresidential Groundwater Surface Water Interface (GSI) Criteria
EGLE	Michigan Department of Environment, Great Lakes, and Energy
J	Estimated result, less than reporting limit
NA	Not Analyzed
µg/l	Micrograms per liter
<	Result less than reporting limit as shown
UB	Compound detected in the laboratory method blank. Result was determined to be non-detect.

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Table 5
Northwest Area Groundwater Monitoring Well Analytical Results Summary
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:					MW-196			MW-196S			MW-197S			MW-198			MW-198S			MW-199S			MW-202			MW-202S			MW-203		
Depth Interval:					12-17			2-7			3-8			12-17			2.5-7.5			2-7			12-17			3.5-8.5			13-18		
Date:	Unit	EGLE Nonresidential 12-hr Groundwater in Contact (GWIC) Criteria	EGLE Nonresidential Drinking Water (DW) Criteria	EGLE Nonresidential Groundwater Surface Water Interface (GSI) Criteria	11/20/2019	02/11/2020	8/13/2020	11/20/2019	02/11/2020	8/14/2020	11/25/2019	02/11/2020	8/19/2020	11/25/2019	02/12/2020	8/19/2020	11/20/2019	02/12/2020	8/19/2020	11/25/2019	02/12/2020	8/19/2020	12/30/2019	02/06/2020	8/4/2020	12/30/2019	02/06/2020	8/4/2020	12/27/2019	02/07/2020	8/4/2020
Semi-Volatile Organic Compounds (SVOCs via Method 8260 SIM)																														
1,4-Dioxane	µg/l	1,200,000	350	280	< 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	**2.6**	**2.9**	**3.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds (VOCs via Method 8260)																														
1,1-Dichloroethene	µg/l	8,600	7.0	130	**0.73 J**	< 25	< 25	< 1.0	< 1.0	< 4.0	< 1.0	**0.23 J**	< 5.0	< 1.0	< 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
cis-1,2-Dichloroethene	µg/l	2,400	70	620	***210***	***250***	***320***	**68**	**51**	***72***	**10**	**14**	**28**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 40 UB	< 40	**24 J**
Tetrachloroethene	µg/l	3,300	5.0	60	< 2.0	< 25	< 25	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	10,000	100	1,500	**55**	**65**	**94**	**1.7**	**1.3**	**2.1 J**	**0.43 J**	**0.89 J**	< 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	**29 J**	**21 J**	**43**
Trichloroethene	µg/l	210	5.0	200	***490***	***520***	***490***	***78***	***39***	***170***	***14***	***31***	***92***	< 1.0	< 1.0	< 1.0	**0.43 J**	**0.27 J**	**0.69 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	***670***	***670***	***920***
Vinyl chloride	µg/l	280	2.0	13	< 2.0	< 25	< 25	< 1.0	< 1.0	< 4.0	***2.1***	***2.2***	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.33 J**	**0.32 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 40	< 40	< 40

Notes:

Bold	Value was detected above the laboratory reporting limit
Shaded	Value exceeds the Nonresidential Volatilization to Indoor Air (12-hr) Groundwater in Contact (GWIC) Criteria
Italics	Value exceeds the Nonresidential Drinking Water (DW) Criteria
Red text	Value exceeds the Nonresidential Groundwater Surface Water Interface (GSI) Criteria
EGLE	Michigan Department of Environment, Great Lakes, and Energy
J	Estimated result, less than reporting limit
NA	Not Analyzed
µg/l	Micrograms per liter
<	Result less than reporting limit as shown
UB	Compound detected in the laboratory method blank. Result was determined to be non-detect.

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Table 5
Northwest Area Groundwater Monitoring Well Analytical Results Summary
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:					MW-203S			MW-204			MW-204S			MW-205			MW-205S			MW-206			MW-206S		
Depth Interval:					3-8			12-17			4-9			12-17			4.5-9.5			14-19			4.5-9.5		
Date:	Unit	EGLE Nonresidential 12-hr Groundwater in Contact (GWIC) Criteria	EGLE Nonresidential Drinking Water (DW) Criteria	EGLE Nonresidential Groundwater Surface Water Interface (GSI) Criteria	12/27/2019	02/07/2020	8/4/2020	01/03/2020	02/07/2020	8/3/2020	12/27/2019	02/07/2020	8/3/2020	01/03/2020	02/07/2020	8/3/2020	12/30/2019	02/07/2020	8/3/2020	01/03/2020	02/06/2020	8/4/2020	01/03/2020	02/06/2020	8/4/2020
Semi-Volatile Organic Compounds (SVOCs via Method 8260 SIM)																									
1,4-Dioxane	µg/l	1,200,000	350	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds (VOCs via Method 8260)																									
1,1-Dichloroethene	µg/l	8,600	7.0	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	2,400	70	620	< 1.7 UB	**1.0 J**	< 1.0	< 2.5 UB	< 2.5	**1.3 J**	**17**	**7.5**	**14**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 67 UB	< 67 UB	**45 J**	< 1.0	< 1.0 UB	< 1.0
Tetrachloroethene	µg/l	3,300	5.0	60	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	10,000	100	1,500	**1.0 J**	**2.3**	< 1.0	**1.7 J**	< 2.5	< 2.5	**1.8**	**0.70 J**	< 6.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**97**	**71**	**60 J**	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	210	5.0	200	***43***	***44***	***6.5***	***61***	***67***	***62***	***37***	***21***	***130***	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	***1,200***	***950***	***930***	**0.71 J**	< 1.0 UB	< 1.0
Vinyl chloride	µg/l	280	2.0	13	< 1.7	< 1.7	< 1.0	< 2.5	< 2.5	< 2.5	< 1.7	< 1.7	< 6.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 67	< 67	< 67	< 1.0	< 1.0	< 1.0

Notes:

Bold	Value was detected above the laboratory reporting limit
Shaded	Value exceeds the Nonresidential Volatilization to Indoor Air (12-hr) Groundwater in Contact (GWIC) Criteria
Italics	Value exceeds the Nonresidential Drinking Water (DW) Criteria
Red text	Value exceeds the Nonresidential Groundwater Surface Water Interface (GSI) Criteria
EGLE	Michigan Department of Environment, Great Lakes, and Energy
J	Estimated result, less than reporting limit
NA	Not Analyzed
µg/l	Micrograms per liter
<	Result less than reporting limit as shown
UB	Compound detected in the laboratory method blank. Result was determined to be non-detect.

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Table 6
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)
7/1/2020	48,539	8/1/2020	40,630	9/1/2020	42,659
7/2/2020[Ω]	45,909	8/2/2020[S]	10,617	9/2/2020	54,413
7/3/2020[E]	51,795	8/3/2020[ΩS]	36,230	9/3/2020*[Ω]	55,313
7/4/2020	51,795	8/4/2020[ΩS]	22,208	9/4/2020[SΩ]	43,619
7/5/2020	51,446	8/5/2020	68,820	9/5/2020	55,574
7/6/2020	47,901	8/6/2020[ΩS]	28,315	9/6/2020	55,341
7/7/2020*[Ω]	45,466	8/7/2020	49,115	9/7/2020	50,208
7/8/2020	44,148	8/8/2020	48,186	9/8/2020[Ω]	44,348
7/9/2020[Ω]	43,186	8/9/2020	47,682	9/9/2020	43,194
7/10/2020	42,349	8/10/2020[Ω]	47,296	9/10/2020	42,680
7/11/2020	41,934	8/11/2020*[Ω]	46,835	9/11/2020[Ω]	42,370
7/12/2020	41,626	8/12/2020	46,500	9/12/2020	42,028
7/13/2020[Ω]	41,448	8/13/2020	45,078	9/13/2020	41,700
7/14/2020	41,465	8/14/2020[Ω]	45,347	9/14/2020[SΩ]	32,252
7/15/2020	41,539	8/15/2020	45,631	9/15/2020[S]	28,764
7/16/2020	41,455	8/16/2020	45,173	9/16/2020	51,788
7/17/2020[Ω]	41,551	8/17/2020[SΩ]	46,608	9/17/2020	50,835
7/18/2020	41,614	8/18/2020	57,219	9/18/2020[Ω]	53,209
7/19/2020	41,427	8/19/2020	57,180	9/19/2020	55,206
7/20/2020[Ω]	41,385	8/20/2020	55,909	9/20/2020	52,434
7/21/2020	41,395	8/21/2020	55,119	9/21/2020[SΩ]	49,051
7/22/2020	41,522	8/22/2020	53,790	9/22/2020	49,313
7/23/2020	41,592	8/23/2020	52,589	9/23/2020	43,803
7/24/2020[Ω]	41,539	8/24/2020[Ω]	48,161	9/24/2020	41,720
7/25/2020	41,542	8/25/2020	44,149	9/25/2020[Ω]	40,623
7/26/2020	41,463	8/26/2020	42,807	9/26/2020	39,938
7/27/2020[Ω]	41,417	8/27/2020	41,528	9/27/2020	39,729
7/28/2020	41,183	8/28/2020[Ω]	41,145	9/28/2020	39,567
7/29/2020	41,141	8/29/2020	42,193	9/29/2020[S]	33,161
7/30/2020	40,930	8/30/2020	42,806	9/30/2020	53,485
7/31/2020	40,806	8/31/2020[Ω]	29,318	--	--
Total volume discharged during July 2020	**1,342,508**	**Total volume discharged during August 2020**	**1,384,184**	**Total volume discharged during September 2020**	**1,368,325**

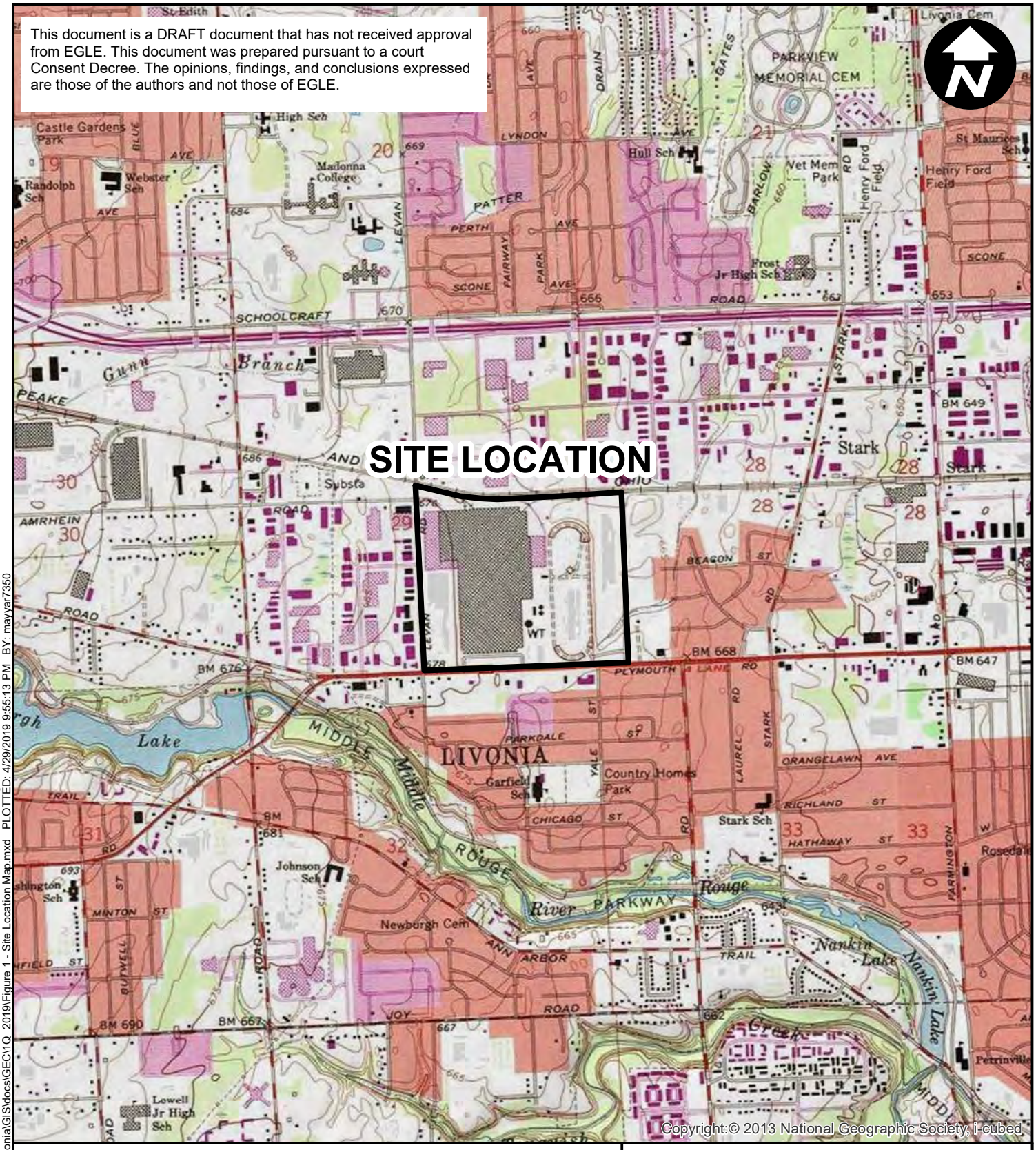
Notes:
Treated groundwater discharge volume readings are recorded daily.

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).
[Ω] Hydraulic control system inspection visit.
[S] System shut down.
[E] - Daily discharge amounts estimated from totalizer readings recorded on 7/3/2020, end of day 24-hour readings were not recorded during this time.

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FIGURES

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0 2,000 4,000

SCALE IN FEET

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

ARCADIS Design & Consultancy for natural and built assets

FIGURE
1

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30050315 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects\ ENV\NoviBrighton MI\Ford\Livonia\GIS\docs\GEC\1Q 2019\Figure 1 - Site Location Map.mxd PLOTTED: 4/29/2019 9:55:13 PM BY: mayvar7350

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ON-SITE AREA

OFF-SITE AREA

LIVONIA TRANSMISSION PLANT

TEST TRACK

ATNPC BUILDING

SSDS Building

HCS Building

EDC

GLENDALE ST

COMMERCE ST

LEVAN RD

PLYMOUTH RD

ROSATI AVE

CONCORD ST

CAPITOL ST

BREWSTER ST

STARK RD

WADSWORTH ST

STANDISH ST

BOSTON POST ST

BELDEN CT

PRISCILLA LN

YALE ST

LEGEND

- MONITORING WELL
- TEST WELL
- VAULT
- SUCTION PITS
- PIEZOMETER
- HYDRAULIC CONTROL SYSTEM WELL SCREEN
- WELL BLANK CASING
- SSDS CONVEYANCE PIPING
- FORD PROPERTY BOUNDARY
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY
- AREA OF CONCERN
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE

NOTES:

EDC = EASTERN DIVERSION CHAMBER

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

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

SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM

HCS = HYDRAULIC CONTROL SYSTEM

ESD = EASTERN STORM DRAIN

0 400 800

SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

SITE LAYOUT

ARCADIS Design & Consultancy for natural and built assets

FIGURE 2

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\NoviBrighton_MI\FordLivonia\GIS\docs\GEC\3Q_2020\Figure 2 - Site Layout On-site and Off-site MW.mxd PLOTTED: 09/22/2020 7:03:28 PM BY: PSI01045

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ON-SITE AREA

OFF-SITE AREA

LIVONIA TRANSMISSION PLANT

TEST TRACK

ATNPC BUILDING

EDC BULIDING

HCS Building

SSDS Building

GLENDALE ST

COMMERCE ST

LEVAN RD

PLYMOUTH RD

FAIRLANE ST

ROSATI AVE

CONCORD ST

BEACON ST

BELDEN CT

BOSTON POST ST

BREWSTER ST

STARK RD

WADSWORTH ST

STANDISH ST

PRISCILLA LN

LEGEND

- ONSITE MONITORING WELL
- OFFSITE MONITORING WELL
- PIEZOMETER
- SUCTION PITS
- VAULT
- HYDRAULIC CONTROL SYSTEM WELL SCREEN
- WELL BLANK CASING
- SSDS CONVEYANCE PIPING
- FORD PROPERTY BOUNDARY
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY
- AREA OF CONCERN
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- 665 GROUNDWATER ELEVATION CONTOUR (DASH WHERE INFERRED)
- FLOW DIRECTION

NOTES:
1. ALL ELEVATIONS COLLECTED ON AUGUST 17, 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. SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM
6. ESD = EASTERN STORM DRAIN
7. HCS = HYDRAULIC CONTROL SYSTEM
8. EDC = EASTERN DIVERSION CHAMBER
9. ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER
11. NM = NOT MEASURED - WELL COULD NOT BE ACCESSED OR LOCATED
12. * = MONITORING WELL NOT USED TO CREATE CONTOURS

0 400 800
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

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

ARCADIS Design & Consultancy for natural and built assets

FIGURE 3

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\NoviBrighton_MI\FordLivonia\GIS\docs\GEC\3Q_2020\Figure 3 - Site Layout On-site and Off-site Ground Water Elevation Contour.mxd PLOTTED: 10/13/2020 7:08:10 PM BY: mal00749

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MW-198 (12-17 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

MW-15-59D (94-99 FT)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)
8/21/2020: ND (< 1.0 µg/L)

MW-198S (2.5-7.5 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

MW-124 (5-10 FT)
11/15/2019: 2.3 µg/L
2/20/2020: 1.8 µg/L
8/27/2020: 2.4 µg/L

MW-114 (5-10 FT)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-120 (7-12 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
8/22/2020: ND (< 1.0 µg/L)

MW-55D (19-24 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-54 (16-21 FT)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-54S (4.5-9.5 FT)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-28 (2-12 FT)
11/14/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)
8/20/2020: 0.63 J µg/L

MW-55 (15-20 FT)
11/20/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-27

MW-58 (15-20 FT)
11/14/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)
8/12/2020: ND (< 2.0 µg/L)

MW-56 (16-21 FT)
11/20/2019: 0.86 J µg/L
2/11/2020: ND (< 5.0 µg/L)
8/12/2020: ND (<3.3 µg/L)

MW-122 (16-21 FT)
11/20/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-53 (16-21 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

LMW-15-07

MW-199S (2-7 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

MW-197S (3-8 FT)
11/25/2019: 10 µg/L
2/11/2020: 14 µg/L
8/19/2020: 28 µg/L

MW-113 (5-10 FT)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

LMW-20-11 (5-15 FT)
3/12/2020: ND (< 1.0 UB µg/L)
8/11/2020: ND (< 1.0 µg/L)

VAULT V-ESD-1

MW-57 (17-22 FT)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-52 (15-20 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/22/2020: ND (< 5.0 µg/L)

MW-43 (17-22 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/22/2020: ND (< 5.0 µg/L)

MW-26 (4.5-14.5 FT)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)
8/25/2020: ND (< 1.0 µg/L)

PW-16-02 (6-21 FT)
11/14/2019: 0.67 J µg/L
2/4/2020: 0.44 J µg/L
5/27/2020: 0.21 J µg/L
8/4/2020: 29 µg/L

TW-16-04 (9-19 FT)
11/14/2019: 20 µg/L
2/4/2020: 12 µg/L
8/18/2020: 14 µg/L

TW-16-03 (9-19 FT)
11/14/2019: 52 µg/L
2/11/2020: 33 µg/L
8/18/2020: 32 µg/L

LMW-15-06

LMW-15-08

LMW-15-10

MW-62 (16.3-21.3 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

ESD-1

MW-213S (6-11 FT)
2/8/2020: 0.76 J µg/L
5/30/2020: 0.74 J µg/L
8/15/2020: 1.2 µg/L

MW-212S (6.5-11.5 FT)
2/8/2020: 1.5 µg/L
5/30/2020: 1.6 µg/L
8/15/2020: 2.2 µg/L

MW-196 (12-17 FT)
11/20/2019: 210 µg/L
2/11/2020: 250 µg/L
8/13/2020: 320 µg/L

MW-29 (5-15 FT)
11/20/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

MW-35 (19.5-24.5 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-211S (7-12 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-196S (2-7 FT)
11/20/2019: 68 µg/L
2/11/2020: 51 µg/L
8/14/2020: 72 µg/L

VAULT V-ESD-2

MW-50 (16-21 FT)
11/5/2019: 5.8 µg/L
2/11/2020: 11 µg/L
5/26/2020: 13 µg/L
8/6/2020: 18 µg/L

MW-64 (15-20 FT)
11/15/2019: 0.29 J µg/L
2/3/2020: 0.18 J µg/L
5/26/2020: 0.20 J µg/L
8/5/2020: ND (< 1.0 µg/L)

MW-63 (7-12 FT)
11/5/2019: 1.3 µg/L
2/11/2020: 0.73 J µg/L
5/26/2020: 0.68 J µg/L
8/6/2020: 0.92 J µg/L

MW-42 (16-21 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-15-61D (88-93 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-195S (2-7 FT)
11/20/2019: 120 µg/L
2/10/2020: 82 J µg/L
8/13/2020: 110 µg/L

LMW-15-09

LMW-20-21 (7-17 FT)
3/12/2020: 1.0 µg/L
8/12/2020: 0.68 J µg/L

LMW-20-28 (4.5-14.5 FT)
7/10/2020: 0.64 J µg/L
8/12/2020: 0.79 J µg/L

LMW-20-22 (6.5-16.5 FT)
3/13/2020: 14 µg/L
8/12/2020: 25 µg/L

MW-65 (16-21 FT)
11/5/2019: 4.8 µg/L
2/4/2020: 4.0 µg/L
5/26/2020: 5.0 µg/L
8/3/2020: 6.1 µg/L

MW-48 (17-22 FT)
11/6/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-66 (15-20 FT)
11/5/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/3/2020: ND (< 1.0 µg/L)

MW-51 (15-20 FT)
11/15/2019: 0.36 J µg/L
2/4/2020: 0.19 J µg/L
8/5/2020: ND (<0.60 UB µg/L)

MW-67 (9-14 FT)
11/6/2019: 9.7 µg/L
2/13/2020: 4.8 µg/L
5/26/2020: 5.5 µg/L
8/7/2020: 7.7 µg/L

MW-34 (16.5-21.5 FT)
11/23/2019: 0.66 J µg/L
2/8/2020: 0.39 J µg/L
5/30/2020: 0.40 J µg/L
8/15/2020: 0.62 J µg/L

MW-194S (2-7 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

LMW-20-24 (2-12 FT)
6/11/2020: 0.52 J µg/L
8/11/2020: 0.86 J µg/L

MW-200S (5-10 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

LMW-15-02

MW-44 (16-21 FT)
11/12/2019: 0.28 J µg/L
2/6/2020: ND (< 10 µg/L)
5/27/2020: 2.2 J µg/L
8/4/2020: ND (< 10 µg/L)

LMW-20-25 (2-12 FT)
6/11/2020: 65 µg/L
8/12/2020: 95 µg/L

LMW-20-27 (5-15 FT)
6/11/2020: 64 µg/L
8/10/2020: 160 µg/L

MW-47 (16-21 FT)
11/6/2019: 28 µg/L
2/7/2020: 22 µg/L
5/21/2020: 16 µg/L
8/10/2020: 14 µg/L

ESD-2

VAULT V-ESD-3

MW-68 (15-20 FT)
11/7/2019: 40 µg/L
2/12/2020: 34 µg/L
5/26/2020: 29 µg/L
8/10/2020: 38 µg/L

MW-210S (8-13 FT)
2/8/2020: 8.6 µg/L
5/30/2020: 5.7 µg/L
8/15/2020: 14 µg/L

MW-200 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

LMW-20-13 (6-16 FT)
3/10/2020: 0.18 J µg/L
8/12/2020: ND (< 1.0 µg/L)

MW-70 (15-20 FT)
11/7/2019: 300 µg/L
2/7/2020: 260 µg/L
5/21/2020: 230 µg/L
8/10/2020: 240 µg/L

MW-69 (15-20 FT)
11/21/2019: 0.30 J µg/L
2/3/2020: 0.22 J µg/L
5/26/2020: 0.28 J µg/L
8/5/2020: ND (< 1.0 µg/L)

MW-41 (16-21 FT)
11/23/2019: 2.8 µg/L
2/8/2020: 2.3 µg/L
5/30/2020: 1.2 µg/L
8/15/2020: 1.4 µg/L

MW-3 (14-19 FT)
11/19/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)
5/27/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

LMW-20-12 (7-17 FT)
3/10/2020: 1.1 µg/L
8/12/2020: 0.88 J µg/L

MW-22 (16.5-21.5 FT)
11/12/2019: 230 µg/L
2/10/2020: 110 µg/L
5/26/2020: 100 µg/L
8/4/2020: 160 µg/L

MW-19 (15-20 FT)
11/20/2019: 1.1 µg/L
2/20/2020: 0.73 J µg/L
8/18/2020: 0.74 J µg/L

LMW-15-05

LMW-15-03

SSDS Location

MW-45 (15-20 FT)
11/8/2019: 150 µg/L
2/12/2020: 260 µg/L
5/26/2020: 110 µg/L
8/7/2020: 740 µg/L

MW-46 (16-21 FT)
11/7/2019: 5.5 µg/L
2/12/2020: 2.7 µg/L
5/22/2020: 3.1 µg/L
8/10/2020: 6.8 µg/L

MW-201 (17-22 FT)
11/19/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/20/2020: ND (< 1.0 µg/L)

MW-5 (15.5-20.5 FT)
11/20/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)
5/27/2020: ND (< 1.0 UB µg/L)
8/19/2020: ND (< 1.0 µg/L)

LMW-20-16 (7.5-17.5 FT)
3/12/2020: 340 µg/L
8/11/2020: 75 µg/L

LMW-20-26 (5-15 FT)
6/11/2020: 54 µg/L
8/10/2020: 130 µg/L

VAULT V-ESD-4

ESD-3

MW-208S (9-14 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-30 (19-24 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-201S (3.5-8.5 FT)
11/19/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)
8/20/2020: ND (< 1.0 µg/L)

MW-14 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

MW-21 (13.5-18.5 FT)
11/13/2019: 23,000 µg/L
2/14/2020: 6,500 µg/L

PW-16-01 (9.7-19.7 FT)
11/11/2019: 67 µg/L
2/7/2020: 0.77 J µg/L
5/27/2020: 6.3 µg/L
8/4/2020: 110 µg/L

MW-31 (17-22 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-221S (6.5-11.5 FT)
2/4/2020: ND (< 1.0 µg/L)
8/12/2020: 1.2 µg/L

MW-2 (15.5-20.5 FT)
11/20/2019: 3,000 µg/L
2/19/2020: 3,100 µg/L
5/20/2020: 3,200 µg/L
8/19/2020: 4,100 µg/L

MW-4 (15.5-20.5 FT)
11/19/2019: 18,000 µg/L
2/19/2020: 16,000 µg/L
5/20/2020: 21,000 µg/L
8/19/2020: 16,000 µg/L

LMW-15-04

MW-10 (16.5-21.5 FT)
11/19/2019: 6.4 J µg/L
2/19/2020: ND (< 200 µg/L)
5/20/2020: ND (< 200 µg/L)
8/20/2020: ND (< 330 µg/L)

MW-49 (12.5-17.5 FT)
11/13/2019: 23,000 µg/L
2/13/2020: 18,000 µg/L
5/27/2020: 26,000 µg/L
8/5/2020: 13,000 µg/L

MW-23 (15-20 FT)
11/11/2019: 15,000 µg/L
2/7/2020: 4,800 µg/L
5/27/2020: 9,800 µg/L
8/4/2020: 11,000 µg/L

MW-71 (15-20 FT)
11/7/2019: 0.61 J µg/L
2/12/2020: 0.46 J µg/L
5/22/2020: 0.45 J µg/L
8/7/2020: ND (< 1.0 µg/L)

MW-25 (16-21 FT)
11/15/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

LMW-20-14 (6-16 FT)
3/10/2020: 0.30 J µg/L
8/12/2020: ND (< 1.0 µg/L)

MW-18 (13-18 FT)
11/12/2019: 0.45 J µg/L
2/10/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

HCS Location

MW-218S (9-14 FT)
2/20/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-15-60D (93-98 FT)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)
8/21/2020: ND (< 1.0 µg/L)

MW-9 (19.5-24.5 FT)
11/21/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

LMW-15-01

LMW-20-18 (6.5-16.5 FT)
3/13/2020: 23,000 µg/L
8/10/2020: 12,000 µg/L

TW-16-01 (12-17 FT)
11/11/2019: 180 µg/L
2/7/2020: 91 µg/L
8/18/2020: 88 µg/L

MW-219S (7-12 FT)
2/6/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-40 (20-25 FT)
11/23/2019: 3.2 µg/L
2/8/2020: 2.5 µg/L
5/30/2020: 2.6 µg/L
8/15/2020: 3.3 µg/L

MW-7 (18-23 FT)
11/22/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

LMW-20-20 (4-14 FT)
3/13/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-222S (5.5-10.5 FT)
2/6/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

LMW-20-15 (7.5-17.5 FT)
3/13/2020: 180 µg/L
8/11/2020: 170 µg/L

TW-16-02 (12-17 FT)
11/11/2019: 3,300 µg/L
2/3/2020: 2,200 µg/L
8/18/2020: 720 µg/L

EASTERN DIVERSION CHAMBER

VAULT V-ESD-5

MW-1 (14-19 FT)
11/15/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)
8/25/2020: ND (< 1.0 µg/L)

MW-224S (7-12 FT)
2/4/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-36 (20-25 FT)
11/21/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

MW-24 (19-24 FT)
11/22/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

LMW-20-23 (5-15 FT)
3/13/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-220S (6-11 FT)
2/4/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-20 (13.5-18.5 FT)
11/12/2019: ND (< 1.0 µg/L)

MW-37 (18-23 FT)
11/14/2019: 2.9 µg/L
2/6/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-38 (15-20 FT)
11/8/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-33 (14-19 FT)
11/8/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-39 (20-25 FT)
11/8/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

MW-32 (18-23 FT)
11/14/2019: 3.0 µg/L
2/10/2020: 0.31 J µg/L
8/17/2020: 0.39 J µg/L

LEVAN RD

WESTERN DIVERSION CHAMBER

LEGEND

- ON-SITE MONITORING WELL CIS-1,2-DICHLOROETHENE ≤ 70 µg/L
- ON-SITE MONITORING WELL CIS-1,2-DICHLOROETHENE > 70 µg/L
- **BLUE/BOLD TEXT** — 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 (NOVEMBER 2019, FEBRUARY/MARCH 2020, MAY/JUNE 2020 AND AUGUST 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 CIS-1,2-DICHLOROETHENE IS 70 µg/L. ANALYTICAL METHOD: 8260B FOR VOLATILE ORGANIC COMPOUNDS.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR CIS-1,2-DICHLOROETHENE.

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

HCS = HYDRAULIC CONTROL SYSTEM

SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM

ESD = EASTERN STORM DRAIN

UB = ANALYTE CONSIDERED NON-DETECT AT THE VALUE LISTED DUE TO ASSOCIATED BLANK CONTAMINATION

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

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

ON-SITE MONITORING WELLS CIS-1,2-DICHLOROETHENE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE 4

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30050315.602 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEC\3Q_2020\Figure 4_On-Site GWA cis.mxd PLOTTED: 10/12/2020 4:22:25 PM BY: PSI01045

This document is a DRAFT document that has not received approval from 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 the authors and not those of EGLE.

MW-198 (12-17 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

MW-198S (2.5-7.5 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

MW-15-59D (94-99 FT)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)
8/21/2020: ND (< 1.0 µg/L)

MW-199S (2-7 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

MW-197S (3-8 FT)
11/25/2019: 0.43 J µg/L
2/11/2020: 0.89 J µg/L
8/19/2020: ND (< 5.0 µg/L)

MW-124 (5-10 FT)
11/15/2019: 0.27 J µg/L
2/20/2020: 0.20 J µg/L
8/27/2020: 0.30 J µg/L

MW-113 (5-10 FT)
11/15/2019: ND (< 1.0 J µg/L)
2/18/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

MW-114 (5-10 FT)
11/15/2019: ND (< 1.0 J µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-120 (7-12 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
8/22/2020: ND (< 1.0 µg/L

MW-28 (2-12 FT)
11/14/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)
8/20/2020: ND (< 1.0 µg/L)

MW-27

MW-58 (15-20 FT)
11/14/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)
8/12/2020: ND (< 2.0 µg/L)

LMW-15-07

MW-26 (4.5-14.5 FT)
11/15/2019: ND (< 1.0 J µg/L)
2/18/2020: ND (< 1.0 µg/L)
8/25/2020: ND (< 1.0 µg/L)

MW-55D (19-24 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-55 (15-20 FT)
11/20/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-56 (16-21 FT)
11/20/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)
8/12/2020: ND (< 3.3 µg/L)

MW-54 (16-21 FT)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-54S (4.5-9.5 FT)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-122 (16-21 FT)
11/20/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

VAULT V-ESD-1

MW-53 (16-21 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 F µg/L)

MW-43 (17-22 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/22/2020: ND (< 5.0 µg/L)

MW-52 (15-20 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/22/2020: ND (< 5.0 µg/L)

MW-57 (17-22 FT)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-213S (6-11 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-212S (6.5-11.5 FT)
2/8/2020: 0.20 J µg/L
5/30/2020: 0.19 J µg/L
8/15/2020: ND (< 1.0 µg/L)

MW-211S (7-12 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-124 (5-10 FT)
11/15/2019: 0.27 J µg/L
2/20/2020: 0.20 J µg/L
8/27/2020: 0.30 J µg/L

LMW-20-11 (5-15 FT)
3/12/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

TW-16-03 (9-19 FT)
11/14/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)
8/18/2020: ND (< 5.0 µg/L)

LMW-15-06

TW-16-04 (9-19 FT)
11/14/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 2.5 µg/L)
8/18/2020: ND (< 2.5 µg/L)

PW-16-02 (6-21 FT)
11/14/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/27/2020: ND (< 1.0 µg/L)
8/4/2020: ND (< 3.3 µg/L)

LMW-15-10

MW-62 (16.3-21.3 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

ESD-1

MW-35 (19.5-24.5 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-196 (12-17 FT)
11/20/2019: 55 µg/L
2/11/2020: 65 µg/L
8/13/2020: 94 µg/L

MW-196S (2-7 FT)
11/20/2019: 1.7 µg/L
2/11/2020: 1.3 µg/L
8/14/2020: 2.1 J µg/L

LMW-15-08

MW-195S (2-7 FT)
11/20/2019: 150 µg/L
2/10/2020: 100 µg/L
8/13/2020: 170 µg/L

LMW-20-19

MW-29 (5-15 FT)
11/20/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

MW-50 (16-21 FT)
11/5/2019: 0.25 J µg/L
2/11/2020: ND (< 5.0 µg/L)
5/26/2020: ND (< 10 µg/L)
8/6/2020: ND (< 10 µg/L)

MW-64 (15-20 FT)
11/15/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-63 (7-12 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

VAULT V-ESD-2

MW-42 (16-21 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-15-61D (88-93 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-194S (2-7 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

LMW-15-09

LMW-20-21 (7-17 FT)
3/12/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

LMW-20-28 (4.5-14.5 FT)
7/10/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-65 (16-21 FT)
11/5/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/3/2020: ND (< 1.0 µg/L)

MW-66 (15-20 FT)
11/5/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/3/2020: ND (< 1.0 µg/L)

MW-51 (15-20 FT)
11/15/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-67 (9-14 FT)
11/6/2019: 1.7 µg/L
2/13/2020: 0.79 J µg/L
5/26/2020: ND (< 3.3 µg/L)
8/7/2020: 1.2 J µg/L

MW-34 (16.5-21.5 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

LMW-20-24 (2-12 FT)
6/11/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-194 (12-17 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

LMW-20-22 (6.5-16.5 FT)
3/13/2020: 1.0 J µg/L
8/12/2020: 2.1 µg/L

MW-48 (17-22 FT)
11/6/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-200S (5-10 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

LMW-15-02

MW-44 (16-21 FT)
11/12/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 10 µg/L)
5/27/2020: ND (< 10 µg/L)
8/4/2020: ND (< 10 µg/L)

LMW-20-25 (2-12 FT)
6/11/2020: 3.7 µg/L
8/12/2020: 7.3 µg/L

LMW-20-27 (5-15 FT)
6/11/2020: 2.2 J µg/L
8/10/2020: ND (< 8.0 µg/L)

VAULT V-ESD-3

MW-68 (15-20 FT)
11/7/2019: 5.3 µg/L
2/12/2020: 4.0 µg/L
5/26/2020: 3.9 µg/L
8/10/2020: 4.9 µg/L

MW-210S (8-13 FT)
2/8/2020: 0.98 J µg/L
5/30/2020: 0.68 J µg/L
8/15/2020: 1.5 µg/L

LEVAN RD

MW-200 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

LMW-20-13 (6-16 FT)
3/10/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-47 (16-21 FT)
11/6/2019: 5.2 µg/L
2/7/2020: 4.5 µg/L
5/21/2020: 3.7 µg/L
8/10/2020: 3.4 J µg/L

MW-69 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-41 (16-21 FT)
11/23/2019: 0.37 J µg/L
2/8/2020: 0.25 J µg/L
5/30/2020: 0.19 J µg/L
8/15/2020: ND (< 1.0 µg/L)

VAULT V-ESD-4

MW-46 (16-21 FT)
11/7/2019: 0.91 J µg/L
2/12/2020: 0.41 J µg/L
5/22/2020: 0.31 J µg/L
8/10/2020: 0.64 J µg/L

MW-209S (8-13 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-201 (17-22 FT)
11/19/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/20/2020: ND (< 1.0 µg/L)

MW-3 (14-19 FT)
11/19/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)
5/27/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

LMW-20-12 (7-17 FT)
3/10/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-19 (15-20 FT)
11/20/2019: ND (< 1.0 µg/L)
2/20/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

LMW-20-26 (5-15 FT)
6/11/2020: 0.55 J µg/L
8/10/2020: ND (< 5.0 µg/L)

LMW-15-05

SSDS Location

LMW-15-03

LMW-20-17

MW-70 (15-20 FT)
11/7/2019: 3.2 µg/L
2/7/2020: ND (< 13 µg/L)
5/21/2020: ND (< 10 µg/L)
8/10/2020: ND (< 10 µg/L)

ESD-3

MW-30 (19-24 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-201S (3.5-8.5 FT)
11/19/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)
8/20/2020: ND (< 1.0 µg/L)

MW-5 (15.5-20.5 FT)
11/20/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)
5/27/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

MW-10 (16.5-21.5 FT)
11/19/2019: ND (< 10 µg/L)
2/19/2020: ND (< 200 µg/L)
5/20/2020: ND (< 200 µg/L)
8/20/2020: ND (< 330 µg/L)

LMW-20-16 (7.5-17.5 FT)
3/12/2020: ND (< 10 µg/L)
8/11/2020: 2.6 J µg/L

MW-22 (16.5-21.5 FT)
11/12/2019: 1.6 J µg/L
2/10/2020: ND (< 67 µg/L)
5/26/2020: ND (< 67 µg/L)
8/4/2020: ND (< 67 µg/L)

MW-45 (15-20 FT)
11/8/2019: 0.60 J µg/L
2/12/2020: ND (< 25 µg/L)
5/26/2020: ND (< 25 µg/L)
8/7/2020: ND (< 100 µg/L)

MW-208S (9-14 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-31 (17-22 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

LMW-15-04

MW-2 (15.5-20.5 FT)
11/20/2019: 760 µg/L
2/19/2020: 860 µg/L
5/20/2020: 840 µg/L
8/19/2020: 980 µg/L

MW-4 (15.5-20.5 FT)
11/19/2019: 790 µg/L
2/19/2020: 670 J µg/L
5/20/2020: 950 J µg/L
8/19/2020: 610 J µg/L

MW-9 (19.5-24.5 FT)
11/21/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-21 (13.5-18.5 FT)
11/13/2019: 120 µg/L
2/14/2020: ND (< 500 µg/L)

MW-23 (15-20 FT)
11/11/2019: 500 µg/L
2/7/2020: 200 µg/L
5/27/2020: 430 µg/L
8/4/2020: 420 µg/L

PW-16-01 (9.7-19.7 FT)
11/11/2019: 3.7 µg/L
2/7/2020: ND (< 1.0 µg/L)
5/27/2020: 0.39 J µg/L
8/4/2020: ND (< 13.0 µg/L)

MW-71 (15-20 FT)
11/7/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/22/2020: ND (< 1.0 µg/L)
8/7/2020: ND (< 1.0 µg/L)

MW-218S (9-14 FT)
2/20/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-25 (16-21 FT)
11/15/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

LMW-20-14 (6-16 FT)
3/10/2020: 0.32 J µg/L
8/12/2020: ND (< 1.0 µg/L)

MW-49 (12.5-17.5 FT)
11/13/2019: 150 µg/L
2/13/2020: ND (< 1,000 µg/L)
5/27/2020: ND (< 1,000 µg/L)
8/5/2020: ND (< 1,000 µg/L)

HCS Location

LMW-20-18 (6.5-16.5 FT)
3/13/2020: ND (< 1,000 µg/L)
8/10/2020: ND (< 1,000 µg/L)

TW-16-01 (12-17 FT)
11/11/2019: 4.9 µg/L
2/7/2020: ND (< 13 µg/L)
8/18/2020: ND (< 13 µg/L)

MW-219S (7-12 FT)
2/6/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-40 (20-25 FT)
11/23/2019: 0.46 J µg/L
2/8/2020: 0.30 J µg/L
5/30/2020: 0.36 J µg/L
8/15/2020: 0.49 J µg/L

LMW-20-20 (4-14 FT)
3/13/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

LMW-15-01

MW-15-60D (93-98 FT)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)
8/21/2020: ND (< 1.0 µg/L)

MW-18 (13-18 FT)
11/12/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

LMW-20-15 (7.5-17.5 FT)
3/13/2020: 13 µg/L
8/11/2020: 17 µg/L

TW-16-02 (12-17 FT)
11/11/2019: 48 µg/L
2/3/2020: ND (< 330 µg/L)
8/18/2020: ND (< 330 µg/L)

EASTERN DIVERSION CHAMBER

VAULT V-ESD-5

MW-32 (18-23 FT)
11/14/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/17/2020: ND (< 1.0 µg/L)

MW-1 (14-19 FT)
11/15/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)
8/25/2020: ND (< 1.0 µg/L)

MW-7 (18-23 FT)
11/22/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-14 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

LMW-20-23 (5-15 FT)
3/13/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-20 (13.5-18.5 FT)
11/12/2019: ND (< 1.0 µg/L)

MW-37 (18-23 FT)
11/14/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-38 (15-20 FT)
11/8/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-33 (14-19 FT)
11/8/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-39 (20-25 FT)
11/8/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

MW-224S (7-12 FT)
2/4/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

WESTERN DIVERSION CHAMBER

MW-36 (20-25 FT)
11/21/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

PLYMOUTH RD

MW-222S (5.5-10.5 FT)
2/6/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-24 (19-24 FT)
11/22/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

MW-220S (6-11 FT)
2/4/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

LEGEND

- ON-SITE MONITORING WELL TRANS-1,2-DICHLOROETHENE ≤ 100 µg/L
- ON-SITE MONITORING WELL TRANS-1,2-DICHLOROETHENE > 100 µg/L
- BLUE/BOLD TEXT — 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 (NOVEMBER 2019, FEBRUARY/MARCH 2020, MAY/JUNE 2020 AND AUGUST 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 TRANS-1,2-DICHLOROETHENE IS 100 µg/L. ANALYTICAL METHOD: 8260B FOR VOLATILE ORGANIC COMPOUNDS.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR TRANS-1,2-DICHLOROETHENE.

J = ESTIMATED RESULT

F = MATRIX SPIKE AND/OR MATRIX SPIKE DUPLICATE RECOVERY EXCEEDS CONTROL LIMITS

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

SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM

HCS = HYDRAULIC CONTROL SYSTEM

SDR = STANDARD DIMENSIONAL RATIO

ESD = EASTERN STORM DRAIN

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

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

ON-SITE MONITORING WELLS
TRANS-1,2-DICHLOROETHENE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE
5

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30050315.602 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\3Q_2020\Figure 5_On-Site GWA trans.mxd PLOTTED: 10/10/2020 6:27:28 PM BY: PSI01045

This document is a DRAFT document that has not received approval from 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.

MW-198 (12-17 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

MW-15-59D (94-99 FT)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)
8/21/2020: ND (< 1.0 µg/L)

MW-198S (2.5-7.5 FT)
11/20/2019: 0.43 J µg/L
2/12/2020: 0.27 J µg/L
8/19/2020: 0.69 J µg/L

MW-199S (2-7 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

MW-197S (3-8 FT)
11/25/2019: 14 µg/L
2/11/2020: 31 µg/L
8/19/2020: 92 µg/L

MW-196S (2-7 FT)
11/20/2019: 78 µg/L
2/11/2020: 39 µg/L
8/14/2020: 170 µg/L

MW-196 (12-17 FT)
11/20/2019: 490 µg/L
2/11/2020: 520 µg/L
8/13/2020: 490 µg/L

MW-195S (2-7 FT)
11/20/2019: 3,400 µg/L
2/10/2020: 2,300 µg/L
8/13/2020: 3,900 µg/L

MW-194S (2-7 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

MW-194 (12-17 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

LMW-20-24 (2-12 FT)
6/11/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-200S (5-10 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

MW-200 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

LMW-20-13 (6-16 FT)
3/10/2020: ND (< 1.0 UB µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-3 (14-19 FT)
11/19/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)
5/27/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

LMW-20-12 (7-17 FT)
3/10/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-201 (17-22 FT)
11/19/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/20/2020: ND (< 1.0 µg/L)

MW-201S (3.5-8.5 FT)
11/19/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)
8/20/2020: ND (< 1.0 µg/L)

MW-221S (6.5-11.5 FT)
2/4/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-25 (16-21 FT)
11/15/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

MW-15-60D (93-98 FT)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)
8/21/2020: ND (< 1.0 µg/L)

MW-1 (14-19 FT)
11/15/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)
8/25/2020: ND (< 1.0 µg/L)

MW-224S (7-12 FT)
2/4/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

WESTERN DIVERSION CHAMBER

LEVAN RD

MW-113 (5-10 FT)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

MW-114 (5-10 FT)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-124 (5-10 FT)
11/15/2019: ND (< 1.0 µg/L)
2/20/2020: ND (< 1.0 µg/L)
8/27/2020: ND (< 1.0 µg/L)

MW-26 (4.5-14.5 FT)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)
8/25/2020: ND (< 1.0 µg/L)

PW-16-02 (6-21 FT)
11/14/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/27/2020: ND (< 1.0 µg/L)
8/4/2020: ND (< 3.3 µg/L)

TW-16-04 (9-19 FT)
11/14/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 2.5 µg/L)
8/18/2020: ND (< 2.5 µg/L)

MW-4 (15.5-20.5 FT)
11/19/2019: 35,000 µg/L
2/19/2020: 28,000 µg/L
5/20/2020: 36,000 µg/L
8/19/2020: 24,000 µg/L

MW-2 (15.5-20.5 FT)
11/20/2019: 3.4 J µg/L
2/19/2020: ND (< 100 µg/L)
5/20/2020: ND (< 100 µg/L)
8/19/2020: ND (< 250 µg/L)

MW-9 (19.5-24.5 FT)
11/21/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

LMW-20-14 (6-16 FT)
3/10/2020: ND (< 1.0 UB µg/L)
8/12/2020: 0.56 J µg/L

LMW-20-28 (4.5-14.5 FT)
7/10/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

LMW-20-22 (6.5-16.5 FT)
3/13/2020: 2.5 J µg/L
8/12/2020: 0.65 J µg/L

MW-7 (18-23 FT)
11/22/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-36 (20-25 FT)
11/21/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

MW-222S (5.5-10.5 FT)
2/6/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-24 (19-24 FT)
11/22/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

LMW-15-06
LMW-15-08
LMW-20-19
LMW-15-09
LMW-15-02
LMW-15-05
LMW-15-03
LMW-15-04
LMW-15-01

SSDS Location

LMW-20-16 (7.5-17.5 FT)
3/12/2020: 32 µg/L
8/11/2020: 47 µg/L

MW-10 (16.5-21.5 FT)
11/19/2019: ND (< 10 µg/L)
2/19/2020: ND (< 200 µg/L)
5/20/2020: ND (< 200 µg/L)
8/20/2020: ND (< 330 µg/L)

MW-5 (15.5-20.5 FT)
11/20/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)
5/27/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

MW-29 (5-15 FT)
11/20/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

MW-65 (16-21 FT)
11/5/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/3/2020: ND (< 1.0 µg/L)

LMW-20-21 (7-17 FT)
3/12/2020: 0.14 J µg/L
8/12/2020: ND (< 1.0 µg/L)

MW-50 (16-21 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)
5/26/2020: ND (< 10 µg/L)
8/6/2020: ND (< 10 µg/L)

MW-64 (15-20 FT)
11/15/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-63 (7-12 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-48 (17-22 FT)
11/6/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-66 (15-20 FT)
11/5/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/3/2020: ND (< 1.0 µg/L)

MW-18 (13-18 FT)
11/12/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

LMW-20-23 (5-15 FT)
3/13/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-14 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

LMW-20-15 (7.5-17.5 FT)
3/13/2020: 82 µg/L
8/11/2020: 83 µg/L

LMW-20-20 (4-14 FT)
3/13/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-20 (13.5-18.5 FT)
11/12/2019: ND (< 1.0 µg/L)

MW-220S (6-11 FT)
2/4/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-37 (18-23 FT)
11/14/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-38 (15-20 FT)
11/8/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-33 (14-19 FT)
11/8/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-39 (20-25 FT)
11/8/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

MW-120 (7-12 FT)
11/23/2019: 4.8 µg/L
2/8/2020: 2.8 µg/L
8/12/2020: 4.5 µg/L

MW-28 (2-12 FT)
11/14/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)
8/20/2020: 0.51 J µg/L

MW-27

MW-58 (15-20 FT)
11/14/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)
8/12/2020: ND (< 2.0 µg/L)

MW-56 (16-21 FT)
11/20/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)
8/12/2020: ND (< 3.3 µg/L)

LMW-20-11 (5-15 FT)
3/12/2020: 0.11 J µg/L
8/11/2020: ND (< 1.0 µg/L)

TW-16-03 (9-19 FT)
11/14/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)
8/18/2020: ND (< 5.0 µg/L)

MW-62 (16.3-21.3 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-21 (13.5-18.5 FT)
11/13/2019: 62 J µg/L
2/14/2020: 250 J µg/L)

MW-23 (15-20 FT)
11/11/2019: 2,800 µg/L
2/7/2020: 1,300 µg/L)
5/27/2020: 1,300 µg/L)
8/4/2020: 1,400 µg/L)

LMW-20-27 (5-15 FT)
6/11/2020: 55 µg/L
8/10/2020: 69 µg/L

LMW-20-25 (2-12 FT)
6/11/2020: 12 µg/L
8/12/2020: 28 µg/L

MW-19 (15-20 FT)
11/20/2019: 0.70 J µg/L
2/20/2020: 0.62 J µg/L
8/18/2020: 0.84 J µg/L

MW-44 (16-21 FT)
11/12/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 10 µg/L)
5/27/2020: ND (< 10 µg/L)
8/4/2020: ND (< 10 µg/L)

LMW-20-26 (5-15 FT)
6/11/2020: 0.76 J µg/L
8/10/2020: ND (< 5.0 µg/L)

MW-22 (16.5-21.5 FT)
11/12/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 67 µg/L)
5/26/2020: ND (< 67 µg/L)
8/4/2020: ND (< 67 µg/L)

MW-49 (12.5-17.5 FT)
11/13/2019: ND (< 50 µg/L)
2/13/2020: ND (< 1,000 µg/L)
5/27/2020: ND (< 1,000 µg/L)
8/5/2020: ND (< 1,000 µg/L)

LMW-20-18 (6.5-16.5 FT)
3/13/2020: 30,000 J µg/L
8/10/2020: 19,000 µg/L

TW-16-02 (12-17 FT)
11/11/2019: ND (< 25 µg/L)
2/3/2020: ND (< 330 µg/L)
8/18/2020: ND (< 330 µg/L)

MW-55D (19-24 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-55 (15-20 FT)
11/20/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-54 (16-21 FT)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-54S (4.5-9.5 FT)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-122 (16-21 FT)
11/20/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

VAULT V-ESD-1

MW-57 (17-22 FT)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-212S (6.5-11.5 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: 0.14 J µg/L
8/15/2020: ND (< 1.0 µg/L)

ESD-1

MW-35 (19.5-24.5 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

VAULT V-ESD-2

MW-42 (16-21 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-51 (15-20 FT)
11/15/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-67 (9-14 FT)
11/6/2019: 70 µg/L
2/13/2020: 45 µg/L
5/26/2020: 49 µg/L
8/7/2020: 64 µg/L

ESD-2

VAULT V-ESD-3

MW-68 (15-20 FT)
11/7/2019: 0.50 J µg/L
2/12/2020: 0.52 J µg/L
5/26/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-47 (16-21 FT)
11/6/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 2.5 µg/L)
5/21/2020: ND (< 2.0 µg/L)
8/10/2020: ND (< 4.0 µg/L)

MW-46 (16-21 FT)
11/7/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/22/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-45 (15-20 FT)
11/8/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 25 µg/L)
5/26/2020: ND (< 25 µg/L)
8/7/2020: ND (< 100 µg/L)

PW-16-01 (9.7-19.7 FT)
11/11/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
5/27/2020: ND (< 1.0 µg/L)
8/4/2020: ND (< 13 µg/L)

ESD-3

VAULT V-ESD-4

MW-70 (15-20 FT)
11/7/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 13 µg/L)
5/21/2020: ND (< 10 µg/L)
8/10/2020: ND (< 10 µg/L)

MW-69 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-208S (9-14 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-71 (15-20 FT)
11/7/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/22/2020: ND (< 1.0 µg/L)
8/7/2020: ND (< 1.0 µg/L)

ESD-4

TW-16-01 (12-17 FT)
11/11/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 13 µg/L)
8/12/2020: ND (< 13 µg/L)

HCS Location

MW-219S (7-12 FT)
2/6/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

EASTERN DIVERSION CHAMBER

VAULT V-ESD-5

MW-52 (15-20 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/22/2020: ND (< 5.0 µg/L)

MW-53 (16-21 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-43 (17-22 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/22/2020: ND (< 5.0 µg/L)

MW-213S (6-11 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-211S (7-12 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: 0.37 J µg/L

MW-15-61D (88-93 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-34 (16.5-21.5 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-210S (8-13 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-41 (16-21 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-209S (8-13 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-30 (19-24 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-31 (17-22 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-218S (9-14 FT)
2/20/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-40 (20-25 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-32 (18-23 FT)
11/14/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/17/2020: ND (< 1.0 µg/L)

LEGEND

- ON-SITE MONITORING WELL TRICHLOROETHENE ≤ 5.0 µg/L
- ON-SITE MONITORING WELL TRICHLOROETHENE > 5.0 µg/L
- BLUE/BOLD TEXT — 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 (NOVEMBER 2019, FEBRUARY/MARCH 2020, MAY/JUNE 2020 AND AUGUST 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 TRICHLOROETHENE IS 5.0 µg/L. ANALYTICAL METHOD: 8260B FOR VOLATILE ORGANIC COMPOUNDS.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

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

J = ESTIMATED RESULT

UB = ANALYTE CONSIDERED NON-DETECT AT THE VALUE LISTED DUE TO ASSOCIATED BLANK CONTAMINATION

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

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

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

ON-SITE MONITORING WELLS TRICHLOROETHENE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE 6

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30050315.602 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEC\3Q_2020\Figure 6_On-Site GWA TCE.mxd PLOTTED: 09/28/2020 8:25:29 PM BY: PSI01045

This document is a DRAFT document that has not received approval from 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.

MW-198 (12-17 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

MW-15-59D (94-99 FT)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)
8/21/2020: ND (< 1.0 µg/L)

MW-199S (2-7 FT)
11/25/2019: 0.33 J µg/L
2/12/2020: 0.32 J µg/L
8/19/2020: ND (< 1.0 µg/L)

MW-113 (5-10 FT)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

MW-27

MW-120 (7-12 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
8/22/2020: ND (< 1.0 µg/L)

MW-28 (2-12 FT)
11/14/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)
8/20/2020: ND (< 1.0 µg/L)

MW-55D (19-24 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: 0.35 J µg/L
8/11/2020: ND (< 1.0 µg/L)

MW-54 (16-21 FT)
11/19/2019: 1.2 µg/L
2/12/2020: 1.2 µg/L
5/21/2020: 0.91 J µg/L
8/11/2020: 1.1 µg/L)

MW-54S (4.5-9.5 FT)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-55 (15-20 FT)
11/20/2019: 0.50 J µg/L
2/11/2020: ND (< 5.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-53 (16-21 FT)
11/20/2019: 0.80 J µg/L
2/12/2020: 0.20 J µg/L
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-198S (2.5-7.5 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

LMW-15-07

MW-114 (5-10 FT)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-56 (16-21 FT)
11/20/2019: 0.21 J µg/L
2/11/2020: ND (< 5.0 µg/L)
8/12/2020: ND (< 3.3 µg/L)

MW-122 (16-21 FT)
11/20/2019: 2.6 µg/L
2/13/2020: 2.1 µg/L
8/12/2020: 1.4 µg/L

VAULT V-ESD-1

MW-52 (15-20 FT)
11/23/2019: 4.7 µg/L
2/8/2020: 4.3 µg/L
5/30/2020: 4.5 µg/L
8/22/2020: 3.0 J µg/L

MW-43 (17-22 FT)
11/23/2019: 0.33 J µg/L
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: 0.28 J µg/L
8/22/2020: ND (< 5.0 µg/L)

MW-124 (5-10 FT)
11/15/2019: 0.19 J µg/L
2/20/2020: 0.27 J µg/L
8/27/2020: 0.41 J µg/L

MW-26 (4.5-14.5 FT)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)
8/25/2020: ND (< 1.0 µg/L)

LMW-20-11 (5-15 FT)
3/12/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-58 (15-20 FT)
11/14/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)
8/12/2020: ND (< 2.0 µg/L)

MW-57 (17-22 FT)
11/19/2019: 0.96 J µg/L
2/12/2020: 0.60 J µg/L
5/20/2020: 0.67 J µg/L
8/12/2020: 1.3 µg/L

MW-213S (6-11 FT)
2/8/2020: 0.79 J µg/L
5/30/2020: 1.3 µg/L
8/15/2020: 0.81 J µg/L

MW-197S (3-8 FT)
11/25/2019: 2.1 µg/L
2/11/2020: 2.2 µg/L
8/19/2020: ND (< 5.0 µg/L)

LMW-15-06

TW-16-03 (9-19 FT)
11/14/2019: 87 µg/L
2/11/2020: 82 µg/L
8/18/2020: 84 µg/L

LMW-15-08

PW-16-02 (6-21 FT)
11/14/2019: 0.40 J µg/L
2/4/2020: ND (< 1.0 µg/L)
5/27/2020: 0.54 J µg/L
8/4/2020: 85 µg/L

TW-16-04 (9-19 FT)
11/14/2019: 46 µg/L
2/4/2020: 22 µg/L
8/18/2020: 20 µg/L

LMW-15-10

MW-62 (16.3-21.3 FT)
11/5/2019: 1.5 µg/L
2/11/2020: 1.0 µg/L
5/26/2020: 1.1 µg/L
8/6/2020: 0.98 J µg/L

ESD-1

MW-212S (6.5-11.5 FT)
2/8/2020: 0.84 J µg/L
5/30/2020: 0.53 J µg/L
8/15/2020: ND (< 1.0 µg/L)

MW-196 (12-17 FT)
11/20/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 25 µg/L)
8/13/2020: ND (< 25 µg/L)

MW-35 (19.5-24.5 FT)
11/23/2019: 3.2 µg/L
2/8/2020: 4.0 µg/L
5/30/2020: 9.1 µg/L
8/15/2020: 4.9 µg/L

LMW-20-19

MW-29 (5-15 FT)
11/20/2019: 0.20 J µg/L
2/21/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

MW-211S (7-12 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-196S (2-7 FT)
11/20/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 4.0 µg/L)

MW-50 (16-21 FT)
11/5/2019: 120 µg/L
2/11/2020: 110 µg/L
5/26/2020: 180 µg/L
8/6/2020: 240 µg/L

MW-64 (15-20 FT)
11/15/2019: 7.3 µg/L
2/3/2020: 0.69 J µg/L
5/26/2020: 1.3 µg/L
8/5/2020: 3.4 µg/L

MW-63 (7-12 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/26/2020: 0.67 J µg/L
8/6/2020: ND (< 1.0 µg/L)

VAULT V-ESD-2

MW-42 (16-21 FT)
11/23/2019: 1.1 µg/L
2/8/2020: 0.70 J µg/L
5/30/2020: 0.93 J µg/L
8/15/2020: 0.60 J µg/L

MW-195S (2-7 FT)
11/20/2019: 16 µg/L
2/10/2020: ND (< 100 µg/L)
8/13/2020: ND (< 100 µg/L)

LMW-15-09

LMW-20-21 (7-17 FT)
3/12/2020: 1.1 µg/L
8/11/2020: 0.59 J µg/L

MW-15-61D (88-93 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

LMW-20-28 (4.5-14.5 FT)
7/10/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-65 (16-21 FT)
11/5/2019: 45 µg/L
2/4/2020: 20 µg/L
5/26/2020: 34 µg/L
8/3/2020: 20 µg/L

MW-48 (17-22 FT)
11/6/2019: 0.57 J µg/L
2/11/2020: ND (< 1.0 µg/L)
5/26/2020: 1.8 µg/L
8/6/2020: 2.8 µg/L

MW-66 (15-20 FT)
11/5/2019: 0.81 J µg/L
2/10/2020: 2.4 µg/L
5/26/2020: 3.5 µg/L
8/3/2020: 3.5 µg/L

MW-51 (15-20 FT)
11/15/2019: 0.61 J µg/L
2/4/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-67 (9-14 FT)
11/6/2019: 0.91 J µg/L
2/13/2020: ND (< 3.3 µg/L)
5/26/2020: ND (< 3.3 µg/L)
8/7/2020: ND (< 2.5 µg/L)

MW-34 (16.5-21.5 FT)
11/23/2019: 1.8 µg/L
2/8/2020: 0.53 J µg/L
5/30/2020: 0.76 J µg/L
8/15/2020: 1.4 µg/L

LEVAN RD

MW-194S (2-7 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

LMW-20-22 (6.5-16.5 FT)
3/13/2020: 56 µg/L
8/12/2020: 35 µg/L

LMW-20-24 (2-12 FT)
6/11/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-200S (5-10 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

MW-194 (12-17 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-200 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

LMW-15-02

LMW-20-25 (2-12 FT)
6/11/2020: 2.3 J µg/L
8/12/2020: 6.2 µg/L

LMW-20-27 (5-15 FT)
6/11/2020: 11 µg/L
8/10/2020: 11 µg/L

VAULT V-ESD-3

ESD-2

MW-68 (15-20 FT)
11/7/2019: 17 µg/L
2/12/2020: 10 µg/L
5/26/2020: 11 µg/L
8/10/2020: 5.0 µg/L

MW-210S (8-13 FT)
2/8/2020: 12 µg/L
5/30/2020: 6.1 µg/L
8/15/2020: 12 µg/L

MW-47 (16-21 FT)
11/6/2019: 96 µg/L
2/7/2020: 74 µg/L
5/21/2020: 85 µg/L
8/10/2020: 100 µg/L

MW-70 (15-20 FT)
11/7/2019: 440 µg/L
2/7/2020: 370 µg/L
5/21/2020: 400 µg/L
8/10/2020: 330 µg/L

MW-41 (16-21 FT)
11/23/2019: 2.7 µg/L
2/8/2020: 1.5 µg/L
5/30/2020: 2.0 µg/L
8/15/2020: 2.3 µg/L

MW-3 (14-19 FT)
11/19/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)
5/27/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

LMW-20-13 (6-16 FT)
3/10/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-19 (15-20 FT)
11/20/2019: 1.4 µg/L
2/20/2020: 1.1 µg/L
8/18/2020: 1.2 µg/L

MW-44 (16-21 FT)
11/12/2019: 340 µg/L
2/6/2020: 260 J µg/L
5/27/2020: 290 µg/L
8/4/2020: 160 µg/L

MW-46 (16-21 FT)
11/7/2019: 32 µg/L
2/12/2020: 17 µg/L
5/22/2020: 47 µg/L
8/10/2020: 40 µg/L

MW-209S (8-13 FT)
2/8/2020: 0.29 J µg/L
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-201 (17-22 FT)
11/19/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/20/2020: ND (< 1.0 µg/L)

LMW-20-12 (7-17 FT)
3/10/2020: 0.83 J µg/L
8/12/2020: 3.5 µg/L

LMW-15-05

SSDS Location

LMW-15-03

LMW-20-17

MW-69 (15-20 FT)
11/21/2019: 4.2 µg/L
2/3/2020: 3.5 µg/L
5/26/2020: 5.0 µg/L
8/5/2020: 3.2 µg/L

ESD-3

MW-10 (16.5-21.5 FT)
11/19/2019: 2,700 µg/L
2/19/2020: 5,300 µg/L
5/20/2020: 3,300 µg/L
8/20/2020: 5,500 µg/L

MW-21 (13.5-18.5 FT)
11/13/2019: 6,600 µg/L
2/14/2020: 2,500 µg/L

LMW-20-26 (5-15 FT)
6/11/2020: 53 µg/L
8/10/2020: 73 µg/L

MW-45 (15-20 FT)
11/8/2019: 210 µg/L
2/12/2020: 640 µg/L
5/26/2020: 450 µg/L
8/7/2020: 1,400 µg/L

VAULT V-ESD-4

MW-30 (19-24 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-5 (15.5-20.5 FT)
11/20/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)
5/27/2020: ND (< 1.0 µg/L)
8/19/2020: ND (< 1.0 µg/L)

LMW-20-16 (7.5-17.5 FT)
3/12/2020: 210 µg/L
8/11/2020: 46 µg/L

MW-22 (16.5-21.5 FT)
11/12/2019: 860 µg/L
2/10/2020: 1,300 µg/L
5/26/2020: 2,600 µg/L
8/4/2020: 1,000 µg/L

MW-208S (9-14 FT)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-31 (17-22 FT)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)
5/30/2020: ND (< 1.0 µg/L)
8/15/2020: ND (< 1.0 µg/L)

MW-201S (3.5-8.5 FT)
11/19/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)
8/20/2020: ND (< 1.0 µg/L)

LMW-15-04

MW-49 (12.5-17.5 FT)
11/13/2019: 7,800 µg/L
2/13/2020: 7,000 µg/L
5/27/2020: 15,000 µg/L
8/5/2020: 3,700 µg/L

PW-16-01 (9.7-19.7 FT)
11/11/2019: 450 µg/L
2/7/2020: 1.8 µg/L
5/27/2020: 360 µg/L
8/4/2020: 160 µg/L

MW-71 (15-20 FT)
11/7/2019: 0.83 J µg/L
2/12/2020: 0.29 J µg/L
5/22/2020: 0.32 J µg/L
8/7/2020: ND (< 1.0 µg/L)

MW-218S (9-14 FT)
2/20/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-221S (6.5-11.5 FT)
2/4/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-2 (15.5-20.5 FT)
11/20/2019: 160 µg/L
2/19/2020: 280 µg/L
5/20/2020: 150 µg/L
8/19/2020: 200 J µg/L

MW-4 (15.5-20.5 FT)
11/19/2019: 870 µg/L
2/19/2020: 1,300 µg/L
5/20/2020: 810 J µg/L
8/19/2020: 1,300 µg/L

MW-9 (19.5-24.5 FT)
11/21/2019: 0.81 J µg/L
2/10/2020: 0.20 J µg/L
8/14/2020: 0.95 J µg/L

LMW-20-15 (7.5-17.5 FT)
3/13/2020: 22 µg/L
8/11/2020: 19 µg/L

LMW-18 (6.5-16.5 FT)
3/13/2020: 1,500 µg/L
8/10/2020: 910 J µg/L

TW-16-01 (12-17 FT)
11/11/2019: 480 µg/L
2/7/2020: 370 µg/L
8/18/2020: 190 µg/L

MW-219S (7-12 FT)
2/6/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-25 (16-21 FT)
11/15/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

LMW-20-20 (4-14 FT)
3/13/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

LMW-15-01

MW-23 (15-20 FT)
11/11/2019: 380 µg/L
2/7/2020: ND (< 200 µg/L)
5/27/2019: 550 µg/L
8/4/2020: 220 J µg/L

TW-16-02 (12-17 FT)
11/11/2019: 5,700 µg/L
2/3/2020: 7,000 µg/L
8/18/2020: 3,700 µg/L

HCS Location

EASTERN DIVERSION CHAMBER

VAULT V-ESD-5

MW-15-60D (93-98 FT)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)
8/21/2020: ND (< 1.0 µg/L)

LMW-20-14 (6-16 FT)
3/10/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-7 (18-23 FT)
11/22/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-14 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

MW-18 (13-18 FT)
11/12/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

MW-1 (14-19 FT)
11/15/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)
8/25/2020: ND (< 1.0 µg/L)

LMW-20-23 (5-15 FT)
3/13/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-20 (13.5-18.5 FT)
11/12/2019: ND (< 1.0 µg/L)

MW-32 (18-23 FT)
11/14/2019: 0.70 J µg/L
2/10/2020: ND (< 1.0 µg/L)
8/17/2020: ND (< 1.0 µg/L)

MW-224S (7-12 FT)
2/4/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

WESTERN DIVERSION CHAMBER

MW-36 (20-25 FT)
11/21/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

MW-222S (5.5-10.5 FT)
2/6/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-24 (19-24 FT)
11/22/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

MW-220S (6-11 FT)
2/4/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-37 (18-23 FT)
11/14/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-38 (15-20 FT)
11/8/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-33 (14-19 FT)
11/8/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-39 (20-25 FT)
11/8/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/24/2020: ND (< 1.0 µg/L)

LEGEND

- ON-SITE MONITORING WELL VINYL CHLORIDE ≤ 2.0 µg/L
- ON-SITE MONITORING WELL VINYL CHLORIDE > 2.0 µg/L
- **BLUE/BOLD TEXT** — 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 (NOVEMBER 2019, FEBRUARY/MARCH 2020, MAY/JUNE 2020 AND AUGUST 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 VINYL CHLORIDE IS 2.0 µg/L. ANALYTICAL METHOD: 8260B FOR VOLATILE ORGANIC COMPOUNDS.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

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

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

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

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

ON-SITE MONITORING WELLS
VINYL CHLORIDE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE
7

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30050315.602 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\FordLivoniaGIS\docs\GEC\3Q_2020\Figure 7_On-Site GWA VC.mxd PLOTTED: 10/10/2020 8:14:26 PM BY: PSI01045

This document is a DRAFT document that has not received approval from 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.

MW-198 (12-17 FT)
11/25/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
8/19/2020: ND (< 2.0 µg/L)

MW-15-59D (94-99 FT)
11/22/2019: ND (< 2.0 µg/L)
2/21/2020: ND (< 2.0 µg/L)
8/21/2020: ND (< 2.0 µg/L)

MW-199S (2-7 FT)
11/25/2019: 2.6 µg/L
2/12/2020: 2.9 µg/L
8/19/2020: 3.7 µg/L

MW-113 (5-10 FT)
11/15/2019: ND (< 2.0 µg/L)
2/18/2020: ND (< 2.0 µg/L)
8/18/2020: ND (< 2.0 µg/L)

MW-198S (2.5-7.5 FT)
11/20/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
8/19/2020: ND (< 2.0 µg/L)

MW-124 (5-10 FT)
11/15/2019: ND (< 2.0 µg/L)
2/20/2020: ND (< 2.0 µg/L)
8/27/2020: ND (< 2.0 µg/L)

MW-26 (4.5-14.5 FT)
11/15/2019: ND (< 2.0 µg/L)
2/18/2020: ND (< 2.0 µg/L)
8/25/2020: ND (< 2.0 µg/L)

MW-197S (3-8 FT)
11/25/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
8/19/2020: ND (< 2.0 µg/L)

MW-196 (12-17 FT)
11/20/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
8/13/2020: ND (< 2.0 µg/L)

MW-196S (2-7 FT)
11/20/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
8/14/2020: ND (< 2.0 µg/L)

MW-195S (2-7 FT)
11/20/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
8/13/2020: ND (< 2.0 µg/L)

LEVAN RD

MW-194S (2-7 FT)
11/20/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
8/13/2020: ND (< 2.0 µg/L)

LMW-20-24 (2-12 FT)
6/11/2020: ND (< 2.0 µg/L)
8/11/2020: ND (< 2.0 µg/L)

MW-194 (12-17 FT)
11/20/2019: 1.5 J µg/L
2/10/2020: 1.7 J µg/L
8/12/2020: 2.3 µg/L

MW-200 (15-20 FT)
11/21/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
8/24/2020: ND (< 2.0 µg/L)

MW-200S (5-10 FT)
11/21/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
8/24/2020: ND (< 2.0 µg/L)

MW-3 (14-19 FT)
11/19/2019: 1.1 J µg/L
2/19/2020: 1.5 J µg/L
5/27/2020: 1.4 J µg/L
8/19/2020: 1.8 J µg/L

MW-201 (17-22 FT)
11/19/2019: ND (< 2.0 µg/L)
2/13/2020: ND (< 2.0 µg/L)
8/20/2020: ND (< 2.0 µg/L)

MW-201S (3.5-8.5 FT)
11/19/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
8/20/2020: ND (< 2.0 µg/L)

MW-221S (6.5-11.5 FT)
2/4/2020: ND (< 2.0 µg/L)
8/12/2020: ND (< 2.0 µg/L)

MW-25 (16-21 FT)
11/15/2019: 6.6 µg/L
2/6/2020: 5.7 µg/L
8/13/2020: 6.7 µg/L

MW-15-60D (93-98 FT)
11/22/2019: ND (< 2.0 µg/L)
2/21/2020: ND (< 2.0 µg/L)
8/21/2020: ND (< 2.0 µg/L)

MW-1 (14-19 FT)
11/15/2019: ND (< 2.0 µg/L)
2/14/2020: ND (< 2.0 µg/L)
8/25/2020: ND (< 2.0 µg/L)

MW-224S (7-12 FT)
2/4/2020: ND (< 2.0 µg/L)
8/12/2020: ND (< 2.0 µg/L)

WESTERN DIVERSION CHAMBER

MW-2 (15.5-20.5 FT)
11/20/2019: 4.9 µg/L
2/19/2020: 4.7 µg/L
5/20/2020: 4.5 µg/L
8/19/2020: 4.4 µg/L

LMW-20-28 (4.5-14.5 FT)
7/10/2020: 1.0 J µg/L
8/12/2020: 1.2 J µg/L

LMW-20-22 (6.5-16.5 FT)
3/13/2020: 2.4 µg/L
8/12/2020: 2.4 µg/L

LMW-20-13 (6-16 FT)
3/10/2020: ND (< 2.0 µg/L)
8/12/2020: 1.9 J µg/L

MW-5 (15.5-20.5 FT)
11/20/2019: ND (< 2.0 µg/L)
2/19/2020: ND (< 2.0 µg/L)
5/27/2020: ND (< 2.0 µg/L)
8/19/2020: ND (< 2.0 µg/L)

MW-4 (15.5-20.5 FT)
11/19/2019: ND (< 10 µg/L)
2/19/2020: ND (< 20 µg/L)
5/20/2020: ND (< 20 µg/L)
8/19/2020: 1.4 J µg/L

LMW-20-14 (6-16 FT)
3/10/2020: ND (< 2.0 µg/L)
8/12/2020: ND (< 2.0 µg/L)

MW-7 (18-23 FT)
11/22/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)
8/14/2020: ND (< 2.0 µg/L)

MW-36 (20-25 FT)
11/21/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)
8/13/2020: ND (< 2.0 µg/L)

MW-222S (5.5-10.5 FT)
2/6/2020: ND (< 2.0 µg/L)
8/12/2020: ND (< 2.0 µg/L)

LMW-15-02

LMW-15-07

LMW-15-06

LMW-15-08

PW-16-02 (6-21 FT)
11/14/2019: ND (< 2.0 µg/L)
2/4/2020: ND (< 2.0 µg/L)
5/27/2020: ND (< 2.0 µg/L)
8/4/2020: 1.2 J µg/L

TW-16-04 (9-19 FT)
11/14/2019: 0.86 J µg/L
2/4/2020: ND (< 2.0 µg/L)
8/18/2020: ND (< 2.0 µg/L)

LMW-15-10

LMW-20-19

MW-29 (5-15 FT)
11/20/2019: 0.60 J µg/L
2/21/2020: ND (< 2.0 µg/L)
8/18/2020: 5.6 µg/L

LMW-15-09

LMW-20-21 (7-17 FT)
3/12/2020: 1.2 J µg/L
8/12/2020: 1.4 J µg/L

MW-65 (16-21 FT)
11/5/2019: 4.2 µg/L
2/4/2020: 4.2 µg/L
5/26/2020: 2.0 µg/L
8/3/2020: 2.0 µg/L

MW-48 (17-22 FT)
11/6/2019: 2.5 µg/L
2/11/2020: ND (< 2.0 µg/L)
5/26/2020: 6.7 µg/L
8/6/2020: 9.6 µg/L

LMW-20-25 (2-12 FT)
6/11/2020: ND (< 2.0 µg/L)
8/12/2020: 1.3 J µg/L

LMW-20-27 (5-15 FT)
6/11/2020: 1.4 J µg/L
8/10/2020: 1.6 J µg/L

MW-19 (15-20 FT)
11/20/2019: 290 µg/L
2/20/2020: 540 µg/L
8/18/2020: 580 µg/L

LMW-15-05

LMW-15-03

LMW-20-17

SSDS Location

LMW-20-12 (7-17 FT)
3/10/2020: ND (< 2.0 µg/L)
8/12/2020: ND (< 2.0 µg/L)

MW-10 (16.5-21.5 FT)
11/19/2019: 5.6 µg/L
2/19/2020: 5.3 µg/L
5/20/2020: 4.4 µg/L
8/20/2020: 3.8 µg/L

LMW-20-16 (7.5-17.5 FT)
3/12/2020: 1.8 J µg/L
8/11/2020: 1.8 J µg/L

LMW-15-04

MW-9 (19.5-24.5 FT)
11/21/2019: 3.1 µg/L
2/10/2020: ND (< 2.0 µg/L)
8/14/2020: 4.6 µg/L

LMW-20-18 (6.5-16.5 FT)
3/13/2020: 12 J µg/L
8/10/2020: 11 J µg/L

LMW-20-15 (7.5-17.5 FT)
3/13/2020: 1.0 J µg/L
8/11/2020: ND (< 2.0 µg/L)

LMW-15-01

LMW-20-20 (4-14 FT)
3/13/2020: ND (< 2.0 µg/L)
8/10/2020: ND (< 2.0 µg/L)

MW-14 (15-20 FT)
11/21/2019: ND (< 2.0 µg/L)
2/3/2020: 0.90 J µg/L
8/13/2020: ND (< 2.0 µg/L)

LMW-20-23 (5-15 FT)
3/13/2020: ND (< 2.0 µg/L)
8/10/2020: ND (< 2.0 µg/L)

MW-24 (19-24 FT)
11/22/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
8/13/2020: ND (< 2.0 µg/L)

MW-120 (7-12 FT)
11/23/2019: ND (< 2.0 µg/L)
2/8/2020: ND (< 2.0 µg/L)
8/22/2020: ND (< 2.0 µg/L)

MW-28 (2-12 FT)
11/14/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
8/20/2020: ND (< 2.0 µg/L)

MW-27

MW-114 (5-10 FT)
11/15/2019: ND (< 2.0 µg/L)
2/18/2020: ND (< 2.0 µg/L)

MW-58 (15-20 FT)
11/14/2019: 9.0 µg/L
2/11/2020: 4.1 µg/L
8/12/2020: 2.6 µg/L

LMW-20-11 (5-15 FT)
3/12/2020: ND (< 2.0 µg/L)
8/11/2020: 1.0 J µg/L

TW-16-03 (9-19 FT)
11/14/2019: 0.43 J µg/L
2/11/2020: ND (< 2.0 µg/L)
8/18/2020: ND (< 2.0 µg/L)

MW-62 (16.3-21.3 FT)
11/5/2019: 3.0 µg/L
2/11/2020: 4.7 µg/L
5/26/2020: 4.2 µg/L
8/6/2020: 4.8 µg/L

MW-50 (16-21 FT)
11/5/2019: 2.0 µg/L
2/11/2020: 1.7 J µg/L
5/26/2020: 2.9 µg/L
8/6/2020: 2.5 µg/L

MW-64 (15-20 FT)
11/15/2019: 0.50 J µg/L
2/3/2020: ND (< 2.0 µg/L)
5/26/2020: ND (< 2.0 µg/L)
8/5/2020: ND (< 2.0 µg/L)

MW-66 (15-20 FT)
11/5/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
5/26/2020: ND (< 2.0 µg/L)
8/3/2020: 1.3 J µg/L

MW-18 (13-18 FT)
11/12/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
8/24/2020: ND (< 2.0 µg/L)

MW-20 (13.5-18.5 FT)
11/12/2019: ND (< 2.0 µg/L)

LMW-20-26 (5-15 FT)
6/11/2020: ND (< 2.0 µg/L)
8/10/2020: ND (< 2.0 µg/L)

MW-21 (13.5-18.5 FT)
11/13/2019: 45 µg/L
2/14/2020: 33 µg/L

MW-49 (12.5-17.5 FT)
11/13/2019: 15 µg/L
2/13/2020: 7.3 µg/L
5/27/2020: 5.8 µg/L
8/5/2020: 4.7 µg/L

TW-16-02 (12-17 FT)
11/11/2019: 2.0 µg/L
2/3/2020: 1.8 J µg/L
8/18/2020: 1.2 J µg/L

MW-220S (6-11 FT)
2/4/2020: ND (< 2.0 µg/L)
8/11/2020: ND (< 2.0 µg/L)

MW-55D (19-24 FT)
11/20/2019: 1.8 J µg/L
2/12/2020: 1.4 J µg/L
8/11/2020: 1.4 J µg/L

MW-55 (15-20 FT)
11/20/2019: 0.65 J µg/L
2/11/2020: ND (< 2.0 µg/L)
8/11/2020: 1.1 J µg/L

MW-56 (16-21 FT)
11/20/2019: 0.49 J µg/L
2/11/2020: ND (< 2.0 µg/L)
8/12/2020: 1.1 J µg/L

MW-122 (16-21 FT)
11/20/2019: 0.93 J µg/L
2/13/2020: 1.3 J µg/L
8/12/2020: ND (< 2.0 µg/L)

VAULT V-ESD-1

MW-57 (17-22 FT)
11/19/2019: 1.8 J µg/L
2/12/2020: 1.2 J µg/L
5/20/2020: 1.4 J µg/L
8/12/2020: 1.8 J µg/L

ESD-1

VAULT V-ESD-2

MW-63 (7-12 FT)
11/5/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
5/26/2020: ND (< 2.0 µg/L)
8/6/2020: ND (< 2.0 µg/L)

MW-51 (15-20 FT)
11/15/2019: 2.1 µg/L
2/4/2020: 1.9 J µg/L
8/5/2020: 1.6 J µg/L

VAULT V-ESD-3

MW-44 (16-21 FT)
11/12/2019: 12 µg/L
2/6/2020: 10 µg/L
5/27/2020: 11 µg/L
8/4/2020: 12 µg/L

MW-46 (16-21 FT)
11/7/2019: 7.7 µg/L
2/12/2020: 2.7 µg/L
5/22/2020: 3.4 µg/L
8/10/2020: 4.1 µg/L

ESD-3

MW-45 (15-20 FT)
11/8/2019: 0.45 J µg/L
2/12/2020: ND (< 2.0 µg/L)
5/26/2020: ND (< 2.0 µg/L)
8/7/2020: 1.3 J µg/L

MW-22 (16.5-21.5 FT)
11/12/2019: 12 µg/L
2/10/2020: 15 µg/L
5/26/2020: 29 µg/L
8/4/2020: 23 µg/L

PW-16-01 (9.7-19.7 FT)
11/11/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)
5/27/2020: ND (< 2.0 µg/L)
8/4/2020: ND (< 2.0 µg/L)

HCS Location

TW-16-01 (12-17 FT)
11/11/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)
8/18/2020: ND (< 2.0 µg/L)

MW-23 (15-20 FT)
11/11/2019: 0.35 J µg/L
2/7/2020: ND (< 2.0 µg/L)
5/27/2020: ND (< 2.0 µg/L)
8/4/2020: ND (< 2.0 µg/L)

EASTERN DIVERSION CHAMBER

VAULT V-ESD-5

MW-37 (18-23 FT)
11/14/2019: ND (< 2.0 µg/L)
2/6/2020: ND (< 2.0 µg/L)
8/14/2020: ND (< 2.0 µg/L)

MW-38 (15-20 FT)
11/8/2019: 0.39 J µg/L
2/6/2020: ND (< 2.0 µg/L)
8/14/2020: ND (< 2.0 µg/L)

MW-54 (16-21 FT)
11/19/2019: 2.4 µg/L
2/12/2020: 2.5 µg/L
5/21/2020: 1.9 J µg/L
8/11/2020: 1.8 J µg/L

MW-54S (4.5-9.5 FT)
11/19/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
5/21/2020: ND (< 2.0 µg/L)
8/11/2020: ND (< 2.0 µg/L)

MW-53 (16-21 FT)
11/20/2019: 1.3 J µg/L
2/12/2020: 1.5 J µg/L
8/11/2020: 1.5 J µg/L

MW-52 (15-20 FT)
11/23/2019: 0.64 J µg/L
2/8/2020: 1.5 J µg/L
5/30/2020: ND (< 2.0 µg/L)
8/22/2020: 1.4 J µg/L

MW-212S (6.5-11.5 FT)
2/8/2020: ND (< 2.0 µg/L)
5/30/2020: ND (< 2.0 µg/L)
8/15/2020: ND (< 2.0 µg/L)

MW-35 (19.5-24.5 FT)
11/23/2019: 2.8 µg/L
2/8/2020: 4.5 µg/L
5/30/2020: 3.3 µg/L
8/15/2020: 4.4 µg/L

MW-42 (16-21 FT)
11/23/2019: 2.4 µg/L
2/8/2020: 3.0 µg/L
5/30/2020: 2.9 µg/L
8/15/2020: 2.0 µg/L

MW-67 (9-14 FT)
11/6/2019: ND (< 2.0 µg/L)
2/13/2020: ND (< 2.0 µg/L)
5/26/2020: ND (< 2.0 µg/L)
8/7/2020: ND (< 2.0 µg/L)

MW-68 (15-20 FT)
11/7/2019: 0.57 J µg/L
2/12/2020: ND (< 2.0 µg/L)
5/26/2020: ND (< 2.0 µg/L)
8/10/2020: ND (< 2.0 µg/L)

MW-70 (15-20 FT)
11/7/2019: 5.2 µg/L
2/7/2020: 4.5 µg/L
5/21/2020: 3.9 µg/L
8/10/2020: 2.8 µg/L

MW-69 (15-20 FT)
11/21/2019: 4.1 µg/L
2/3/2020: 5.0 µg/L
5/26/2020: 4.1 µg/L
8/5/2020: 4.9 µg/L

VAULT V-ESD-4

MW-208S (9-14 FT)
2/8/2020: ND (< 2.0 µg/L)
5/30/2020: ND (< 2.0 µg/L)
8/15/2020: ND (< 2.0 µg/L)

MW-71 (15-20 FT)
11/7/2019: 1.3 J µg/L
2/12/2020: ND (< 2.0 µg/L)
5/22/2020: 0.98 J µg/L
8/7/2020: 1.0 J µg/L

MW-219S (7-12 FT)
2/6/2020: ND (< 2.0 µg/L)
8/11/2020: ND (< 2.0 µg/L)

MW-33 (14-19 FT)
11/8/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)
8/14/2020: ND (< 2.0 µg/L)

MW-43 (17-22 FT)
11/23/2019: 3.6 µg/L
2/8/2020: 3.5 µg/L
5/30/2020: 3.3 µg/L
8/22/2020: 4.5 µg/L

MW-213S (6-11 FT)
2/8/2020: ND (< 2.0 µg/L)
5/30/2020: ND (< 2.0 µg/L)
8/15/2020: ND (< 2.0 µg/L)

MW-211S (7-12 FT)
2/8/2020: ND (< 2.0 µg/L)
5/30/2020: ND (< 2.0 µg/L)
8/15/2020: ND (< 2.0 µg/L)

MW-15-61D (88-93 FT)
11/23/2019: ND (< 2.0 µg/L)
2/8/2020: ND (< 2.0 µg/L)
8/15/2020: ND (< 2.0 µg/L)

MW-34 (16.5-21.5 FT)
11/23/2019: 5.5 µg/L
2/8/2020: 5.7 µg/L
5/30/2020: 4.2 µg/L
8/15/2020: 6.2 µg/L

MW-210S (8-13 FT)
2/8/2020: ND (< 2.0 µg/L)
5/30/2020: ND (< 2.0 µg/L)
8/15/2020: 1.2 J µg/L

MW-41 (16-21 FT)
11/23/2019: 1.5 J µg/L
2/8/2020: 1.7 J µg/L
5/30/2020: ND (< 2.0 µg/L)
8/15/2020: 3.8 µg/L

MW-209S (8-13 FT)
2/8/2020: ND (< 2.0 µg/L)
5/30/2020: ND (< 2.0 µg/L)
8/15/2020: ND (< 2.0 µg/L)

MW-30 (19-24 FT)
11/23/2019: 9.2 µg/L
2/8/2020: 12 µg/L
5/30/2020: 11 µg/L
8/15/2020: 13 µg/L

MW-31 (17-22 FT)
11/23/2019: ND (< 2.0 µg/L)
2/8/2020: ND (< 2.0 µg/L)
5/30/2020: ND (< 2.0 µg/L)
8/15/2020: ND (< 2.0 µg/L)

MW-218S (9-14 FT)
2/20/2020: ND (< 2.0 µg/L)
8/11/2020: ND (< 2.0 µg/L)

MW-40 (20-25 FT)
11/23/2019: ND (< 2.0 µg/L)
2/8/2020: ND (< 2.0 µg/L)
5/30/2020: ND (< 2.0 µg/L)
8/15/2020: ND (< 2.0 µg/L)

MW-32 (18-23 FT)
11/14/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
8/17/2020: ND (< 2.0 µg/L)

MW-39 (20-25 FT)
11/8/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
8/24/2020: ND (< 2.0 µg/L)

LEGEND

- ON-SITE MONITORING WELL 1,4-DIOXANE ≤ 350 µg/L
- ON-SITE MONITORING WELL 1,4-DIOXANE > 350 µg/L
- BLUE/BOLD TEXT — 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 (NOVEMBER 2019, FEBRUARY/MARCH 2020, MAY/JUNE 2020 AND AUGUST 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

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

0 300 600
SCALE IN FEET

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

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30050315.602 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\3Q_2020\Figure 8_On-Site GWA DX.mxd PLOTTED: 10/10/2020 8:37:56 PM BY: PSI01045

This document is a DRAFT document that has not received approval from 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.

MW-131S (2.5-12.5 FT)
11/12/2019: 0.52 J µg/L
2/4/2020: ND (< 2.0 µg/L)
5/19/2020: 1.1 J µg/L
8/17/2020: 1.1 J µg/L

MW-85SR (4.5-9.5 FT)
11/13/2019: ND (< 2.0 µg/L)
2/3/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/14/2020: ND (< 2.0 µg/L)

MW-83 (8-13 FT)
11/5/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
8/11/2020: ND (< 2.0 µg/L)

MW-83S (3-13 FT)
11/5/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
8/11/2020: ND (< 2.0 µg/L)

MW-102 (10-15 FT)
11/18/2019: 1.0 J µg/L
2/14/2020: 1.4 J µg/L
5/22/2020: 1.4 J µg/L
8/14/2020: ND (< 2.0 µg/L)

MW-105S (2.5-12.5 FT)
11/13/2019: 0.55 J µg/L
2/12/2020: ND (< 2.0 µg/L)
5/20/2020: ND (< 2.0 µg/L)
8/14/2020: ND (< 2.0 µg/L)

MW-132S (2.5-12.5 FT)
11/12/2019: ND (< 2.0 µg/L)
2/4/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/13/2020: ND (< 2.0 µg/L)

MW-142S (2.5-7.5 FT)
11/13/2019: ND (< 2.0 µg/L)
2/3/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/14/2020: ND (< 2.0 µg/L)

MW-82SR (5-15 FT)
11/7/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
8/11/2020: ND (< 2.0 µg/L)

MW-72S (3-13 FT)
11/6/2019: ND (< 2.0 µg/L)
2/13/2020: ND (< 2.0 µg/L)
5/20/2020: ND (< 2.0 µg/L)
8/14/2020: ND (< 2.0 µg/L)

MW-102S (2.5-12.5 FT)
11/18/2019: ND (< 2.0 µg/L)
2/14/2020: ND (< 2.0 µg/L)
5/22/2020: ND (< 2.0 µg/L)
8/14/2020: ND (< 2.0 µg/L)

ROSATI AVE

MW-141S (3-8 FT)
11/13/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
5/20/2020: ND (< 2.0 µg/L)
8/6/2020: ND (< 2.0 µg/L)

MW-85 (8-13 FT)
11/13/2019: 0.49 J µg/L
2/3/2020: 1.2 J µg/L
5/19/2020: ND (< 2.0 µg/L)
8/14/2020: 0.93 J µg/L

MW-108S (2.5-12.5 FT)
11/12/2019: ND (< 2.0 µg/L)
2/3/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/14/2020: 1.2 J µg/L

MW-82D (18-23 FT)
11/7/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
8/11/2020: ND (< 2.0 µg/L)

MW-73D (13.5-18.5 FT)
11/11/2019: 2.8 µg/L
2/10/2020: ND (< 2.0 µg/L)
5/22/2020: 3.4 µg/L
8/12/2020: 2.5 µg/L

MW-72 (15-20 FT)
11/5/2019: 0.97 J µg/L
2/13/2020: ND (< 2.0 µg/L)
5/26/2020: ND (< 2.0 µg/L)
8/12/2020: ND (< 2.0 µg/L)

MW-79D (10-15 FT)
11/12/2019: 0.35 J µg/L
2/11/2020: ND (< 2.0 µg/L)
5/20/2020: ND (< 2.0 µg/L)
8/6/2020: 1.3 J µg/L

MW-137S (2-7 FT)
11/5/2019: ND (< 2.0 µg/L)
2/4/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/4/2020: ND (< 2.0 µg/L)

MW-136S (2-7 FT)
11/13/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/4/2020: ND (< 2.0 µg/L)

MW-107S (2.5-12.5 FT)
11/12/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/4/2020: ND (< 2.0 µg/L)

MW-73SR (2.5-12.5 FT)
11/11/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
5/22/2020: ND (< 2.0 µg/L)
8/12/2020: ND (< 2.0 µg/L)

MW-80SR (2.5-12.5 FT)
11/5/2019: 0.84 J µg/L
2/4/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/4/2020: ND (< 2.0 µg/L)

CAPITOL ST

MW-133S (4-9 FT)
11/7/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
8/10/2020: ND (< 2.0 µg/L)

MW-134S (5-10 FT)
11/5/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
8/7/2020: ND (< 2.0 µg/L)

MW-140S (2-7 FT)
11/12/2019: ND (< 2.0 µg/L)
2/5/2020: ND (< 2.0 µg/L)
5/20/2020: ND (< 2.0 µg/L)
8/6/2020: ND (< 2.0 µg/L)

MW-79SR (2.5-12.5 FT)
11/13/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
5/20/2020: ND (< 2.0 µg/L)
8/6/2020: ND (< 2.0 µg/L)

MW-74 (14-19 FT)
11/11/2019: 1.4 J µg/L
2/7/2020: ND (< 2.0 µg/L)
5/21/2020: ND (< 2.0 µg/L)
8/12/2020: 1.7 J µg/L

MW-98S (2.5-12.5 FT)
11/13/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/5/2020: ND (< 2.0 µg/L)

BREWSTER ST

MW-135S (5-10 FT)
11/5/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
8/5/2020: ND (< 2.0 µg/L)

MW-139S (2-7 FT)
11/13/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/6/2020: ND (< 2.0 µg/L)

BEACON ST

MW-74S (3-13 FT)
11/6/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)
5/21/2020: ND (< 2.0 µg/L)
8/12/2020: ND (< 2.0 µg/L)

MW-78S (2.5-12.5 FT)
11/14/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/5/2020: ND (< 2.0 µg/L)

MW-138S (2-7 FT)
11/15/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
5/26/2020: ND (< 2.0 µg/L)
8/5/2020: ND (< 2.0 µg/L)

STARK RD

MW-81S (2.5-12.5 FT)
11/7/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
8/18/2020: ND (< 2.0 µg/L)

MW-99S (3-13 FT)
11/6/2019: ND (< 2.0 µg/L)
2/4/2020: ND (< 2.0 µg/L)
5/21/2020: ND (< 2.0 µg/L)
8/11/2020: ND (< 2.0 µg/L)

MW-84 (8-13 FT)
11/25/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/5/2020: ND (< 2.0 µg/L)

MW-78 (7-12 FT)
11/14/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/5/2020: ND (< 2.0 µg/L)

MW-96S (2.5-12.5 FT)
11/26/2019: ND (< 2.0 µg/L)
2/13/2020: ND (< 2.0 µg/L)
8/3/2020: ND (< 2.0 µg/L)

MW-106S (2.5-12.5 FT)
11/15/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/5/2020: ND (< 2.0 µg/L)

MW-81 (8-13 FT)
11/7/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
8/18/2020: ND (< 2.0 µg/L)

BELDEN CT

MW-75SR (2.5-12.5 FT)
11/26/2019: ND (< 2.0 µg/L)
2/4/2020: ND (< 2.0 µg/L)
5/20/2020: ND (< 2.0 µg/L)
8/11/2020: ND (< 2.0 µg/L)

MW-84S (2.5-12.5 FT)
11/25/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/5/2020: ND (< 2.0 µg/L)

MW-86S (2.5-12.5 FT)
11/25/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
8/7/2020: ND (< 2.0 µg/L)

MW-77 (9-14 FT)
11/22/2019: ND (< 2.0 µg/L)
2/13/2020: 1.1 J µg/L
8/6/2020: ND (< 2.0 µg/L)

MW-192S (2.5-7.5 FT)
11/15/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/5/2020: ND (< 2.0 µg/L)

WADSWORTH ST

MW-75D (12-17 FT)
11/26/2019: 1.9 J µg/L
2/4/2020: 3.2 µg/L
5/20/2020: 1.6 J µg/L
8/11/2020: 2.2 µg/L

MW-86 (12-17 FT)
11/25/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)
8/7/2020: ND (< 2.0 µg/L)

MW-77S (2.5-12.5 FT)
11/22/2019: ND (< 2.0 µg/L)
2/13/2020: ND (< 2.0 µg/L)
8/6/2020: ND (< 2.0 µg/L)

MW-100S (3-13 FT)
11/26/2019: ND (< 2.0 µg/L)
2/4/2020: ND (< 2.0 µg/L)
5/21/2020: ND (< 2.0 µg/L)
8/11/2020: ND (< 2.0 µg/L)

MW-87S (4.5-14.5 FT)
11/22/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
8/6/2020: ND (< 2.0 µg/L)

STANDISH ST

MW-97S (2.5-12.5 FT)
11/22/2019: ND (< 2.0 µg/L)
2/13/2020: ND (< 2.0 µg/L)
8/5/2020: ND (< 2.0 µg/L)

MW-87 (14-19 FT)
11/22/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)
8/6/2020: ND (< 2.0 µg/L)

MW-101S (4.5-14.5 FT)
11/13/2019: ND (< 2.0 µg/L)
2/3/2020: ND (< 2.0 µg/L)
5/20/2020: ND (< 2.0 µg/L)
8/10/2020: ND (< 2.0 µg/L)

MW-76 (15-20 FT)
11/20/2019: ND (< 2.0 µg/L)
2/3/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/10/2020: ND (< 2.0 µg/L)

PRISCILLA LN

MW-76S (4.5-14.5 FT)
11/5/2019: ND (< 2.0 µg/L)
2/3/2020: ND (< 2.0 µg/L)
5/19/2020: ND (< 2.0 µg/L)
8/10/2020: ND (< 2.0 µg/L)

PLYMOUTH RD

YALE ST

WAYNE RD

LAUREL ST

LEGEND

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- OFF-SITE MONITORING WELL 1,4-DIOXANE ≤ 7.2 µg/L

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (NOVEMBER 2019, FEBRUARY 2020, MAY 2020, AND AUGUST 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

MW = MONITORING WELL

THE SITE SPECIFIC RESIDENTIAL DRINKING WATER CRITERIA FOR 1,4-DIOXANE IS 7.2 µg/L.

ANALYTICAL METHOD: 8260B SIM FOR SEMI-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 1,4-DIOXANE.

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

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

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

ARCADIS Design & Consultancy for natural and built assets

FIGURE 9

CITY: NOVI DIV: ENV DB: MG PIC: R. ELLIS PM: K_HINSKEY TM: R. WISMAN TR: P. CURRY PROJECT NUMBER: 30050315.602 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\3Q_2020\Figure 9_Off-Site GWA DX.mxd PLOTTED: 09/28/2020 10:34:05 AM BY: PSI01045

This document is a DRAFT document that has not received approval from 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.

MW-72 (15-20 FT)
11/5/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-72S (3-13 FT)
11/6/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-73SR (2.5-12.5 FT)
11/11/2019: ND (< 1.0 µg/L)
2/10/2020: 0.15 J µg/L
5/22/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-73D (13.5-18.5 FT)
11/11/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/22/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-74S (3-13 FT)
11/6/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-99S (3-13 FT)
11/6/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-75D (12-17 FT)
11/26/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-75SR (2.5-12.5 FT)
11/26/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-100S (3-13 FT)
11/26/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-101S (4.5-14.5 FT)
11/13/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-76S (4.5-14.5 FT)
11/5/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-102S (2.5-12.5 FT)
11/18/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)
5/22/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-102 (10-15 FT)
11/18/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)
5/22/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-79D (10-15 FT)
11/12/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-79SR (2.5-12.5 FT)
11/13/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-74 (14-19 FT)
11/11/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

MW-84S (2.5-12.5 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: 0.12 J µg/L
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-84 (8-13 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: 0.10 J µg/L
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-86 (12-17 FT)
11/25/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/7/2020: ND (< 1.0 µg/L)

MW-86S (2.5-12.5 FT)
11/25/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/7/2020: ND (< 1.0 µg/L)

MW-87S (4.5-14.5 FT)
11/22/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-76 (15-20 FT)
11/20/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-131S (2.5-12.5 FT)
11/12/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/17/2020: ND (< 1.0 µg/L)

MW-105S (2.5-12.5 FT)
11/13/2019: ND (< 1.0 J µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-141S (3-8 FT)
11/13/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-140S (2-7 FT)
11/12/2019: ND (< 1.0 µg/L)
2/5/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-78 (7-12 FT)
11/14/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-78S (2.5-12.5 FT)
11/14/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-77 (9-14 FT)
11/22/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-77S (2.5-12.5 FT)
11/22/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-80SR (2.5-12.5 FT)
11/5/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/4/2020: ND (< 1.0 µg/L)

MW-139S (2-7 FT)
11/13/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-87 (14-19 FT)
11/22/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-85SR (4.5-9.5 FT)
11/13/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-85 (8-13 FT)
11/13/2019: ND (< 1.0 J µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-96S (2.5-12.5 FT)
11/26/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/3/2020: ND (< 1.0 µg/L)

MW-97S (2.5-12.5 FT)
11/22/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-132S (2.5-12.5 FT)
11/12/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

MW-142S (2.5-7.5 FT)
11/13/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-137S (2-7 FT)
11/5/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/4/2020: ND (< 1.0 µg/L)

MW-138S (2-7 FT)
11/15/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/26/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-98S (2.5-12.5 FT)
11/13/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-192S (2.5-7.5 FT)
11/15/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-108S (2.5-12.5 FT)
11/12/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-107S (2.5-12.5 FT)
11/12/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/4/2020: ND (< 1.0 µg/L)

MW-136S (2-7 FT)
11/13/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/4/2020: ND (< 1.0 µg/L)

MW-133S (4-9 FT)
11/7/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-83S (3-13 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-106S (2.5-12.5 FT)
11/15/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-83 (8-13 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-82SR (5-15 FT)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-82D (18-23 FT)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-134S (5-10 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/7/2020: ND (< 1.0 µg/L)

MW-135S (5-10 FT)
11/5/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-81 (8-13 FT)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

MW-81S (2.5-12.5 FT)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

ROSATI AVE
CAPITOL ST
BEACON ST
STARK RD
WADSWORTH ST
BELDEN CT
STANDISH ST
BOSTON POST ST
PRISCILLA LN
PLYMOUTH RD
WAYNE RD
LAUREL ST
YALE ST

LEGEND

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- OFF-SITE MONITORING WELL TRICHLOROETHENE ≤ 1.0 µg/L

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (NOVEMBER 2019, FEBRUARY 2020, MAY 2020 AND AUGUST 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

THE PUBLISHED EGLE REMEDIATION AND REDEVELOPMENT DIVISION TARGET DETECTION LIMIT FOR TRICHLOROETHENE IS 1.0 µg/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

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

OFF-SITE MONITORING WELLS TRICHLOROETHENE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE
10A

CITY: NOVI DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY TM: R. WISMAN TR: P. CURRY PROJECT NUMBER: 30050315.602 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\3Q_2020\Figure 10A_Off-Site GWA TCE.mxd PLOTTED: 9/27/2020 5:53:55 PM BY: avi00976

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MW-198 (12-17 FT)
11/25/2019: ND (<1.0 µg/L)
02/12/2020: ND (<1.0 µg/L)
08/19/2020: ND (<1.0 µg/L)

MW-198S (2.5-7.5 FT)
11/20/2019: 0.43 J µg/L
02/12/2020: 0.27 J µg/L
02/12/2020: 0.27 J µg/L
08/19/2020: 0.69 J µg/L

MW-15-59D (94-99 FT)
02/06/2018: ND (<1.0 µg/L)
05/06/2018: ND (<1.0 µg/L)
08/09/2018: ND (<1.0 µg/L)
10/31/2018: ND (<1.0 µg/L)
03/05/2019: ND (<1.0 UB µg/L)
06/13/2019: ND (<1.0 µg/L)
09/27/2019: ND (<1.0 µg/L)
11/22/2019: ND (<1.0 µg/L)
02/21/2020: ND (<1.0 µg/L)
08/21/2020: ND (<1.0 µg/L)

MW-124 (5-10 FT)
04/23/2019: ND (<1.0 ug/L)
06/13/2019: ND (<1.0 ug/L)
09/30/2019: ND (<1.0 ug/L)
11/15/2019: ND (<1.0 ug/L)
02/20/2020: ND (<1.0 ug/L)
08/27/2020: ND (<1.0 ug/L)

MW-199S (2-7 FT)
11/25/2019: ND (<1.0 µg/L)
02/12/2020: ND (<1.0 µg/L)
08/19/2020: ND (<1.0 µg/L)

MW-204 (12-17 FT)
01/03/2020: 61 µg/L
02/07/2020: 67 µg/L
08/03/2020: 62 µg/L

MW-205S (4.5-9.5)
12/30/2019: ND (<1.0 µg/L)
02/07/2020: ND (<1.0 µg/L)
08/03/2020: ND (<1.0 µg/L)

AMRHEIN RD

MW-197S (3-8 FT)
11/25/2019: 14 µg/L
02/11/2020: 31 µg/L
08/19/2020: 92 µg/L

MW-205 (12-17 FT)
01/03/2020: ND (<1.0 µg/L)
02/07/2020: ND (<1.0 µg/L)
08/03/2020: ND (<1.0 µg/L)

MW-204S (4-9 FT)
12/27/2019: 37 µg/L
02/07/2020: 21 µg/L
08/03/2020:130 µg/L

MW-196 (12-17 FT)
11/20/2019: 490 µg/L
02/11/2020: 520 µg/L
08/13/2020: 490 µg/L

MW-206 (14-19 FT)
01/03/2020: 1,200 µg/L
02/07/2020: 950 µg/L
08/04/2020: 930 µg/L

MW-196S (2-7 FT)
11/20/2019: 78 µg/L
02/11/2020: 39 µg/L
08/14/2020: 170 µg/L

MW-206S (4.5-9.5 FT)
01/03/2020: 0.71 J µg/L
02/06/2020: ND (<1.0 B µg/L)
08/04/2020: ND (<1.0 µg/L)

MW-203 (13-18 FT)
12/27/2019: 670 µg/L
02/07/2020: 670 µg/L
08/04/2020: 920 µg/L

MW-195S (2-7 FT)
11/20/2019: 3,400 µg/L
02/10/2020: 2,300 µg/L
08/13/2020: 3,900 µg/L

MW-203S (3-8 FT)
12/27/2019: 43 µg/L
02/07/2020: 44 µg/L
08/04/2020: 6.5 µg/L

MW-194S (2-7 FT)
11/20/2019: ND (<1.0 µg/L)
02/10/2020: ND (<1.0 µg/L)
08/13/2020: ND (<1.0 µg/L)

LEVAN RD

MW-202 (12-17 FT)
12/30/2019: ND (<1.0 µg/L)
02/06/2020: ND (<1.0 µg/L)
08/04/2020: ND (<1.0 µg/L)

MW-194 (12-17 FT)
11/20/2019: ND (<1.0 µg/L)
02/10/2020: ND (<1.0 µg/L)
08/12/2020: ND (<1.0 µg/L)

MW-202S (3.5-8.5)
12/30/2019: ND (<1.0 µg/L)
02/06/2020: ND (<1.0 µg/L)
08/04/2020: ND (<1.0 µg/L)

LEGEND

- GROUNDWATER SAMPLE TRICHLORETHENE >210 µg/L
- GROUNDWATER SAMPLE TRICHLORETHENE ≤210 µg/L
- **BLUE TEXT** EXCEEDANCE OF THE NR VIAC FROM PAST AND PRESENT SAMPLING EVENTS
- FORD PROPERTY BOUNDARY
- SANITARY
- WATER
- BURIED ELECTRIC
- COMMUNICATION
- NATURAL GAS
- OVERHEAD ELECTRIC

NOTES:

TCE = TRICHLOROETHENE

J = ESTIMATED RESULT, LESS THAN LABORATORY REPORTING LIMIT

ALL RESULTS SHOWN ARE FOR TRICHLOROETHENE (TCE) IN GROUNDWATER AND ARE UNITS OF MICROGRAMS PER LITER (µg/L).

THE EGLE NON-RESIDENTIAL VOLATILIZATION TO INDOOR AIR CRITERIA (NR VIAC) ADJUSTED FOR A 12 HOUR WORK-DAY EXPOSURE FOR TCE IS 210 µg/L. ANALYTICAL METHOD: 8260B FOR VOLATILE ORGANIC COMPOUNDS.

≤ - LESS THAN OR EQUAL TO

> - GREATER THAN

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

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

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

MW = MONITORING WELL

UB = ANALYTE CONSIDERED NON-DETECT AT THE VALUE LISTED DUE TO ASSOCIATED BLANK CONTAMINATION

BLUE BOX INDICATES EXCEEDANCE OF THE NON-RESIDENTIAL GROUNDWATER VOLITILIZATION TO INDOOR AIR CRITERIA FOR TCE

0 125 250
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

NORTHWEST AREA MONITORING WELLS TRICHLOROETHENE IN GROUNDWATER ANALYTICAL RESULTS

ARCADIS Design & Consultancy for natural and built assets

FIGURE
10B

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30050315.602 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\3Q_2020\Figure 10B_Offsite_GW_Results_Expanded_MW.mxd PLOTTED: 10/12/2020 12:59:18 PM BY: mal00749

This document is a DRAFT document that has not received approval from 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.

MW-102 (10-15 FT)
11/18/2019: 1.4 µg/L
2/14/2020: 1.3 µg/L
5/22/2020: 1.5 µg/L
8/14/2020: ND (< 1.0 µg/L)

MW-105S (2.5-12.5 FT)
11/13/2019: ND (< 1.0 J µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-131S (2.5-12.5 FT)
11/12/2019: 1.2 µg/L
2/4/2020: 0.52 J µg/L
5/19/2020: 1.2 µg/L
8/17/2019: 1.0 µg/L

MW-132S (2.5-12.5 FT)
11/12/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/13/2020: ND (< 1.0 µg/L)

MW-83 (8-13 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-72 (15-20 FT)
11/5/2019: 2.8 µg/L
2/13/2020: 2.1 µg/L
5/26/2020: 2.1 µg/L
8/12/2020: 1.8 µg/L

MW-102S (2.5-12.5 FT)
11/18/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)
5/22/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-85SR (4.5-9.5 FT)
11/13/2019: 1.4 µg/L
2/3/2020: 1.4 µg/L
5/19/2020: 0.33 J µg/L
8/14/2020: 2.2 µg/L

MW-142S (2.5-7.5 FT)
11/13/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-83S (3-13 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

ROSATI AVE

MW-72S (3-13FT)
11/6/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-141S (3-8 FT)
11/13/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-85 (8-13 FT)
11/13/2019: 5.1 J µg/L
2/3/2020: 4.9 µg/L
5/19/2020: 3.9 µg/L
8/14/2020: 5.4 µg/L

MW-108S (2.5-12.5 FT)
11/12/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/14/2020: ND (< 1.0 µg/L)

MW-82D (18-23 FT)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

CONCORD ST

MW-107S (2.5-12.5 FT)
11/12/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/4/2020: ND (< 1.0 µg/L)

MW-82SR (5-15 FT)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

MW-73D (13.5-18.5 FT)
11/11/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/22/2020: 0.28 J µg/L
8/12/2020: ND (< 1.0 µg/L)

MW-73SR (2.5-12.5 FT)
11/11/2019: 1.0 µg/L
2/10/2020: 0.87 J µg/L
5/22/2020: 1.4 µg/L
8/12/2020: ND (< 1.0 µg/L)

MW-79SR (2.5-12.5 FT)
11/13/2019: 0.30 J µg/L
2/11/2020: 0.23 J µg/L
5/20/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-137S (2-7 FT)
11/5/2019: 0.50 J µg/L
2/4/2020: 0.27 J µg/L
5/19/2020: ND (< 1.0 µg/L)
8/4/2020: 0.54 J µg/L

MW-136S (2-7 FT)
11/13/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/4/2020: ND (< 1.0 µg/L)

MW-79D (10-15 FT)
11/12/2019: 2.6 µg/L
2/11/2020: 2.1 µg/L
5/20/2020: 1.8 µg/L
8/6/2020: 1.4 µg/L

MW-80SR (2.5-12.5 FT)
11/5/2019: 3.6 µg/L
2/4/2020: 1.8 µg/L
5/19/2020: 2.2 µg/L
8/4/2020: 4.3 µg/L

CAPITOL ST

MW-74 (14-19 FT)
11/11/2019: 1.8 µg/L
2/7/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/12/2020: 2.9 µg/L

MW-139S (2-7 FT)
11/13/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-98S (2.5-12.5 FT)
11/13/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-138S (2-7 FT)
11/15/2019: 1.2 µg/L
2/12/2020: 1.3 µg/L
5/26/2020: 2.8 µg/L
8/5/2020: 2.1 µg/L

MW-133S (4-9 FT)
11/7/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-140S (2-7 FT)
11/12/2019: ND (< 1.0 µg/L)
2/5/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-78 (7-12 FT)
11/14/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-74S (3-13 FT)
11/6/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/12/2020: ND (< 1.0 µg/L)

BEACON ST

MW-84S (2.5-12.5 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-84 (8-13 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-78S (2.5-12.5 FT)
11/14/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-192S (2.5-7.5 FT)
11/15/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-134S (5-10 FT)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: 0.38 J µg/L
8/7/2020: ND (< 1.0 µg/L)

MW-99S (3-13FT)
11/6/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

BELDEN CT

MW-86 (12-17 FT)
11/25/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/7/2020: ND (< 1.0 µg/L)

MW-96S (2.5-12.5 FT)
11/26/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/3/2020: ND (< 1.0 µg/L)

MW-106S (2.5-12.5 FT)
11/15/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-81 (8-13 FT)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

BOSTON POST ST

MW-75D (12-17 FT)
11/26/2019: 2.2 µg/L
2/4/2020: 1.0 µg/L
5/20/2020: 1.3 µg/L
8/11/2020: 2.2 µg/L

WADSWORTH ST

MW-75SR (2.5-12.5 FT)
11/26/2019: 0.33 J µg/L
2/4/2020: ND (< 1.0 µg/L)
5/20/2020: 0.59 J µg/L
8/11/2020: ND (< 1.0 µg/L)

MW-86S (2.5-12.5 FT)
11/25/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/7/2020: ND (< 1.0 µg/L)

MW-77S (2.5-12.5 FT)
11/22/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-77 (9-14 FT)
11/22/2019: ND (< 1.0 µg/L)
2/13/2020: 0.33 J µg/L
8/6/2020: ND (< 1.0 µg/L)

MW-135S (5-10 FT)
11/5/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-81S (2.5-12.5 FT)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)
8/18/2020: ND (< 1.0 µg/L)

MW-97S (2.5-12.5 FT)
11/22/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)
8/5/2020: ND (< 1.0 µg/L)

MW-100S (3-13 FT)
11/26/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)
5/21/2020: ND (< 1.0 µg/L)
8/11/2020: ND (< 1.0 µg/L)

STANDISH ST

MW-87S (4.5-14.5 FT)
11/22/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

MW-87 (14-19 FT)
11/22/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)
8/6/2020: ND (< 1.0 µg/L)

PRISCILLA LN

MW-101S (4.5-14.5 FT)
11/13/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/20/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-76S (4.5-14.5 FT)
11/5/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

MW-76 (15-20 FT)
11/20/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)
5/19/2020: ND (< 1.0 µg/L)
8/10/2020: ND (< 1.0 µg/L)

PLYMOUTH RD

YALE ST

WAYNE RD

LAUREL ST

LEGEND

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- OFF-SITE MONITORING WELL VINYL CHLORIDE ≤ 1.0 µg/L
- OFF-SITE MONITORING WELL VINYL CHLORIDE > 1.0 µg/L
- **BLUE/BOLD TEXT** EXCEEDANCE OF THE TDL FROM PAST AND PRESENT SAMPLING EVENTS

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (NOVEMBER 2019, FEBRUARY 2020, MAY 2020 AND AUGUST 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

TDL - TARGET DETECTION LIMIT

THE PUBLISHED EGLE REMEDIATION AND REDEVELOPMENT DIVISION TARGET DETECTION LIMIT FOR VINYL CHLORIDE IS 1.0 µg/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 VINYL CHLORIDE.

MW = MONITORING WELL

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

BLUE BOX INDICATES EXCEEDANCE OF THE TARGET DETECTION LIMIT FOR VINYL CHLORIDE ASSOCIATED WITH THE MOST RECENT SAMPLING EVENT

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

OFF-SITE MONITORING WELLS VINYL CHLORIDE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE
11

CITY: NOVI DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY TM: R. WISMAN TR: P. CURRY PROJECT NUMBER: 30050315.602 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
T:_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\3Q_2020\Figure 11_Off-Site GWA VC.mxd PLOTTED: 9/28/2020 6:51:37 PM BY: mai00749

CITY: Novi DIV: ENV DB: JB PM: K. HINSKEY PROJECT NUMBER: 30050315 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2133 Feet G:
\COMMON\Ford\Livonia\03 Notes and Data_Engineering\HCS\4_HCS Performance Monitoring\Gradient Maps & GWEC Figures\Gradient Maps\3Q 2020 BY: jroberts



LEGEND:

MW-32	LOCATION ID
	MONITORING WELL
	PIEZOMETER
661.63	GROUNDWATER ELEVATION (ft amsl)
	WELL TRIPLET PLANE WITH HYDRAULIC GRADIENT DIRECTION
	WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
	WELL BLANK CASING (4-INCH HDPE)
	WELL BLANK CASING (6-INCH HDPE)

Notes:
1. All elevations collected on August 17, 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 (ft amsl).
3. HDPE - high density polyethylene
4. * - well not gauged

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

HYDRAULIC GRADIENT MAP
AUGUST 2020

ARCADIS Design & Consultancy for natural and built assets

FIGURE
12

APPENDICES

APPENDIX A

On-Site Groundwater Field Sampling Logs

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-11			Date	8-11-20
Project Name/Location		Ford LTP		Weather	72 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.70	Total Depth (ft-bmp)	14.49	Water Column (ft.)	8.79	Gallons in Well	1.43
		Pump Intake (ft-bmp)	7.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.92				
Sample Time: Label	9:05	Volume Purged	1.32 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	8:30						
Purge End	9:08						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:32	0	170	5.72	0.00	7.13	10.69	0.02	0.78	22.2	-56.3	Clear	No Odor
8:37	5	170	5.72	0.22	7.18	10.78	0.02	0.24	22.0	-76.1	Clear	No Odor
8:42	5	170	5.72	0.44	7.21	10.72	0.02	0.16	21.7	-82.2	Clear	No Odor
8:47	5	170	5.72	0.66	7.22	10.67	0.02	0.16	21.7	-84.5	Clear	No Odor
8:52	5	170	5.72	0.88	7.24	10.61	0.02	0.13	21.5	-86.9	Clear	No Odor
8:57	5	170	5.72	1.10	7.24	10.58	0.02	0.12	21.5	-88.1	Clear	No Odor
9:02	5	170	5.72	1.32	7.25	10.51	0.02	0.11	21.5	-89.9	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, naphthalene, 2-methylnaphthalene	40 mL Glass	3	HCL

Comments None

Well Casing Volumes

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

Well Information

Well Location:	Onsite near salt shed and indoor drum storage	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-12			Date	8-12-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.92	Total Depth (ft-bmp)	16.45	Water Column (ft.)	8.53	Gallons in Well	1.39
		Pump Intake (ft-bmp)	9.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.21				
Sample Time: Label	10:34	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	9:54						
Purge End	10:37						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:56	0	180	7.94	0.00	6.90	11.93	4.50	4.82	23.1	-87.0	Clear	No Odor
10:01	5	180	7.94	0.24	6.86	12.15	8.91	4.61	23.1	-112.7	Clear	No Odor
10:06	5	180	7.94	0.48	6.86	12.16	8.60	3.98	23.1	-103.3	Clear	No Odor
10:11	5	180	7.94	0.72	6.84	12.17	6.85	3.89	23.1	-107.3	Clear	No Odor
10:16	5	180	7.94	0.96	6.83	12.18	5.48	3.46	23.1	-106.4	Clear	No Odor
10:21	5	180	7.94	1.20	6.82	12.18	3.73	3.61	23.1	-104.6	Clear	No Odor
10:26	5	180	7.94	1.44	6.81	12.19	1.35	3.47	23.1	-107.5	Clear	No Odor
10:31	5	180	7.94	1.68	6.81	12.21	0.85	3.45	23.1	-111.4	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, naphthalene, 2-methylnaphthalene	40 mL Glass	3	HCL

Comments Cement of pad has sunk since install. Consider grinding / expoy,

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 locked room behind learning center	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-13			Date	8-12-20
Project Name/Location	Ford LTP			Weather	76 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-16	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.52	Total Depth (ft-bmp)	14.25	Water Column (ft.)	6.73	Gallons in Well	1.09
		Pump Intake (ft-bmp)	9.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.32				
Sample Time: Label	11:55	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:19						
Purge End	11:59						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:23	0	180	7.54	0.00	7.25	9.55	0.02	0.66	22.4	50.3	Clear	No Odor
11:28	5	180	7.54	0.24	7.24	9.50	0.02	0.33	22.4	45.0	Clear	No Odor
11:33	5	180	7.54	0.48	7.21	9.40	0.02	0.24	22.2	29.8	Clear	No Odor
11:38	5	180	7.54	0.72	7.20	9.39	0.02	0.21	22.2	23.2	Clear	No Odor
11:43	5	180	7.54	0.96	7.18	9.39	0.02	0.22	22.2	15.4	Clear	No Odor
11:48	5	180	7.54	1.20	7.14	9.44	0.02	0.40	22.2	12.9	Clear	No Odor
11:53	5	180	7.54	1.44	7.13	9.47	0.02	0.46	22.2	10.8	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, naphthalene, 2-methylnaphthalene	40 mL Glass	3	HCL

Comments – None

Well Casing Volumes

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

Well Information

Well Location:	Near N50	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-14			Date	8-12-20
Project Name/Location	Ford LTP			Weather	79 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-16	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.65	Total Depth (ft-bmp)	14.97	Water Column (ft.)	8.32	Gallons in Well	1.35
		Pump Intake (ft-bmp)	8.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.16				
Sample Time: Label	0:52	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:18						
Purge End	12:57						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	200	6.67	0.00	7.21	10.06	0.49	0.99	21.5	-54.0	Clear	No Odor
12:25	5	200	6.69	0.26	7.20	10.21	0.76	0.19	21.4	-86.7	Clear	No Odor
12:30	5	200	6.69	0.52	7.22	10.48	1.10	0.09	21.3	-89.9	Clear	No Odor
12:35	5	200	6.69	0.78	7.24	10.82	3.68	0.09	21.3	-88.3	Clear	No Odor
12:40	5	200	6.69	1.04	7.25	11.44	2.76	0.15	21.4	-89.0	Clear	No Odor
12:45	5	200	6.69	1.30	7.24	11.57	3.38	0.15	21.4	-92.1	Clear	No Odor
12:50	5	200	6.69	1.56	7.24	11.60	2.65	0.14	21.3	-94.0	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, naphthalene, 2-methylnaphthalene	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:	Inside plant near R12	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-15			Date	8-11-20
Project Name/Location	Ford LTP			Weather	77 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.5-17.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.26	Total Depth (ft-bmp)	15.00	Water Column (ft.)	7.74	Gallons in Well	1.26
		Pump Intake (ft-bmp)	8.76	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.24				
Sample Time: Label	11:28	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:52						
Purge End	11:30						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	200	7.29	0.00	7.67	10.32	0.02	1.92	23.0	-28.9	Clear	No Odor
11:00	5	200	7.29	0.26	7.24	11.58	0.02	0.89	22.4	-47.0	Clear	No Odor
11:05	5	200	7.29	0.52	7.14	12.62	0.02	0.77	22.0	-34.7	Clear	No Odor
11:10	5	200	7.29	0.78	7.15	12.66	0.02	0.10	21.8	-36.0	Clear	No Odor
11:15	5	200	7.29	1.04	7.14	12.67	0.02	0.32	21.9	-36.0	Clear	No Odor
11:20	5	200	7.29	1.30	7.16	12.68	0.02	0.30	22.2	-37.7	Clear	No Odor
11:25	5	200	7.29	1.56	7.16	12.68	0.02	0.08	22.1	-40.2	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, naphthalene, 2-methylnaphthalene	40 mL Glass	3	HCL

Comments – None

Well Casing Volumes

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

Well Information

Well Location:	Onsite parking area near employee entrance	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-16			Date	8-11-20
Project Name/Location	Ford LTP			Weather	75 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.5-17.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.90	Total Depth (ft-bmp)	16.33	Water Column (ft.)	7.43	Gallons in Well	1.21
		Pump Intake (ft-bmp)	10.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.27				
Sample Time: Label	10:30	Volume Purged	1.54 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	9:55						
Purge End	10:34						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:58	0	200	8.91	0.00	7.26	4.74	0.02	1.97	21.7	37.9	Clear	No Odor
10:03	5	200	8.91	0.24	7.17	4.64	0.02	0.25	21.3	37.8	Clear	No Odor
10:08	5	200	8.91	0.50	7.16	4.38	0.02	0.22	21.4	31.1	Clear	No Odor
10:13	5	200	8.91	0.76	7.19	4.15	0.02	0.21	21.5	21.8	Clear	No Odor
10:18	5	200	8.91	1.02	7.20	4.06	0.02	0.19	21.5	13.9	Clear	No Odor
10:23	5	200	8.91	1.28	7.21	4.02	0.02	0.22	21.3	10.0	Clear	No Odor
10:28	5	200	8.91	1.54	7.23	4.02	0.02	0.26	21.9	7.3	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, naphthalene, 2-methylnaphthalene	40 mL Glass	3	HCL

Comments – None

Well Casing Volumes

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

Well Information

Well Location:	Onsite on ramp near emergency point 18	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-18			Date	8-10-20
Project Name/Location	Ford LTP			Weather	82 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-16.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.80	Total Depth (ft-bmp)	15.82	Water Column (ft.)	10.02	Gallons in Well	1.63
		Pump Intake (ft-bmp)	7.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.88				
Sample Time: Label	11:58	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:24						
Purge End	12:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:26	0	180	5.82	0.00	7.18	12.30	0.02	8.39	24.4	-57.4	Clear	No Odor
11:31	5	180	5.82	0.24	7.17	12.48	0.31	7.53	24.3	-79.1	Clear	No Odor
11:36	5	180	5.82	0.48	7.16	12.51	0.02	7.30	24.4	-82.8	Clear	No Odor
11:41	5	180	5.82	0.72	7.15	12.52	0.02	7.19	24.4	-84.3	Clear	No Odor
11:46	5	180	5.82	0.96	7.14	12.51	0.02	6.91	24.4	-88.6	Clear	No Odor
11:51	5	180	5.82	1.20	7.14	12.53	0.02	6.77	24.4	-88.1	Clear	No Odor
11:56	5	180	5.82	1.44	7.14	12.51	0.02	6.62	24.1	-94.0	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, naphthalene, 2-methylnaphthalene	40 mL Glass	3	HCL

Comments – None

Well Casing Volumes

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

Well Information

Well Location:	Onsite parking lot	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-20			Date	8-10-20
Project Name/Location	Ford LTP			Weather	76 degrees F, Mostly 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)	5.85	Total Depth (ft-bmp)	13.25	Water Column (ft.)	7.40	Gallons in Well	1.20
		Pump Intake (ft-bmp)	7.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.20				
Sample Time: Label	10:55	Volume Purged	2.64 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	9:54						
Purge End	10:58						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:58	0	180	5.87	0.00	7.23	1.34	0.02	1.26	21.5	15.7	Clear	No Odor
10:03	5	180	5.87	0.24	7.19	1.41	0.02	1.83	21.8	19.0	Clear	No Odor
10:08	5	180	5.87	0.48	7.21	2.02	0.02	1.58	21.8	32.9	Clear	No Odor
10:13	5	180	5.87	0.72	7.18	2.42	0.02	2.07	21.9	41.3	Clear	No Odor
10:18	5	180	5.87	0.96	7.15	2.78	0.02	2.16	21.9	46.7	Clear	No Odor
10:23	5	180	5.87	1.20	7.18	3.12	0.02	2.22	21.9	50.3	Clear	No Odor
10:28	5	180	5.87	1.44	7.13	3.22	0.02	2.05	22.0	55.7	Clear	No Odor
10:33	5	180	5.87	1.68	7.15	3.56	0.02	2.12	21.8	60.9	Clear	No Odor
10:38	5	180	5.87	1.92	7.14	3.52	0.02	1.98	21.4	63.1	Clear	No Odor
10:43	5	180	5.87	2.16	7.13	3.85	0.02	1.87	21.2	69.1	Clear	No Odor
10:48	5	180	5.87	2.40	7.13	3.91	0.02	1.91	21.1	72.4	Clear	No Odor
10:53	5	180	5.87	2.64	7.14	3.94	0.02	1.79	21.4	74.1	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, naphthalene, 2-methylnaphthalene	40 mL Glass	3	HCL

Comments – None

Well Casing Volumes

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

Well Information

Well Location:	Onsite in grass	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-21			Date	8-12-20
Project Name/Location	Ford LTP			Weather	84 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.50	Total Depth (ft-bmp)	16.20	Water Column (ft.)	6.70	Gallons in Well	1.09
		Pump Intake (ft-bmp)	11.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.36				
Sample Time: Label	17:00	Volume Purged	1.48 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	16:26						
Purge End	17:05						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:28	0	180	9.51	0.00	6.36	6.36	1.01	0.87	21.8	60.2	Clear	No Odor
16:33	5	180	9.51	0.24	7.16	6.41	0.02	0.30	21.7	46.5	Clear	No Odor
16:38	5	180	9.51	0.48	7.18	6.45	0.02	0.19	21.6	21.8	Clear	No Odor
16:43	5	200	9.52	0.72	7.19	6.45	0.02	0.17	21.5	16.0	Clear	No Odor
16:48	5	200	9.52	0.98	7.20	6.43	0.02	0.13	21.5	-1.2	Clear	No Odor
16:53	5	200	9.52	1.24	7.21	6.43	0.02	0.10	21.3	-9.0	Clear	No Odor
16:58	5	200	9.52	1.48	7.20	6.43	0.02	0.08	21.3	-11.1	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, naphthalene, 2-methylnaphthalene	40 mL Glass	3	HCL

Comments – Concrete has slightly sunken around 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:	In between OF 74 and OF 78	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-22			Date	8-12-20
Project Name/Location	Ford LTP			Weather	83 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-16.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.05	Total Depth (ft-bmp)	15.78	Water Column (ft.)	8.73	Gallons in Well	1.42
		Pump Intake (ft-bmp)	8.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.93				
Sample Time: Label	13:52	Volume Purged	1.32 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	13:16						
Purge End	13:58						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	170	7.07	0.00	7.15	4.27	0.02	0.45	22.0	-108.5	Clear	No Odor
13:25	5	170	7.08	0.22	7.08	4.20	0.02	0.21	21.9	-108.2	Clear	No Odor
13:30	5	170	7.08	0.44	7.05	4.16	0.02	0.15	21.9	-108.5	Clear	No Odor
13:35	5	170	7.08	0.66	7.05	4.16	0.02	0.11	21.9	-108.9	Clear	No Odor
13:40	5	170	7.08	0.88	7.05	4.16	0.02	0.12	21.9	-109.5	Clear	No Odor
13:45	5	170	7.08	1.10	7.04	4.17	0.02	0.11	21.9	-109.2	Clear	No Odor
13:50	5	170	7.08	1.32	7.04	4.16	0.02	0.10	21.9	-109.9	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, naphthalene, 2-methylnaphthalene	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:	Inside plant near Q70	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-23			Date	8-10-20
Project Name/Location	Ford LTP			Weather	72 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.40	Total Depth (ft-bmp)	13.92	Water Column (ft.)	7.52	Gallons in Well	1.22
		Pump Intake (ft-bmp)	7.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.19				
Sample Time: Label	9:30	Volume Purged	1.45 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	8:55						
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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:57	0	190	6.43	0.00	7.10	5.67	15.30	8.06	24.0	55.7	Clear	No Odor
9:02	5	180	6.43	0.25	7.10	5.66	20.70	7.34	24.3	26.4	Clear	No Odor
9:07	5	180	6.43	0.49	7.08	5.71	15.40	0.26	24.1	15.1	Clear	No Odor
9:12	5	180	6.43	0.73	7.08	5.73	16.10	0.19	24.0	7.6	Clear	No Odor
9:17	5	180	6.43	0.97	7.09	5.72	16.80	0.24	24.4	-0.6	Clear	No Odor
9:22	5	180	6.43	1.21	7.10	5.70	17.20	0.21	24.4	-3.6	Clear	No Odor
9:27	5	180	6.43	1.45	7.10	5.68	16.50	0.22	24.5	-4.7	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, naphthalene, 2-methylnaphthalene	40 mL Glass	3	HCL

Comments – None

Well Casing Volumes

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

Well Information

Well Location:	Onsite parking lot	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-24			Date	8-11-20
Project Name/Location	Ford LTP			Weather	81 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.79	Total Depth (ft-bmp)	11.34	Water Column (ft.)	8.55	Gallons in Well	1.39
		Pump Intake (ft-bmp)	4.29	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.12				
Sample Time: Label	12:38	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:02						
Purge End	12:41						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	200	2.81	0.00	7.60	3.48	1.81	1.18	24.8	18.3	Clear	No Odor
12:10	5	200	2.81	0.26	7.48	3.33	1.10	0.27	24.9	20.5	Clear	No Odor
12:15	5	200	2.82	0.52	7.47	3.21	1.56	0.18	24.7	15.7	Clear	No Odor
12:20	5	200	2.82	0.78	7.48	3.21	1.59	0.13	24.7	10.2	Clear	No Odor
12:25	5	200	2.82	1.04	7.47	3.21	0.02	0.11	24.6	-4.3	Clear	No Odor
12:30	5	200	2.82	1.30	7.47	3.18	0.02	0.11	24.5	-10.2	Clear	No Odor
12:35	5	200	2.82	1.56	7.47	3.20	0.02	0.11	24.8	-12.5	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, naphthalene, 2-methylnaphthalene	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:	Onsite near PIV 67	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-25			Date	8-12-20
Project Name/Location	Ford LTP			Weather	84 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.08	Total Depth (ft-bmp)	11.55	Water Column (ft.)	4.47	Gallons in Well	0.73
		Pump Intake (ft-bmp)	8.58	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.14				
Sample Time: Label	15:41	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	15:08						
Purge End	15:46						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:09	0	200	7.15	0.00	7.54	9.54	0.02	0.59	22.4	112.4	Clear	No Odor
15:14	5	200	7.15	0.26	7.49	9.48	0.02	0.27	22.3	108.4	Clear	No Odor
15:19	5	200	7.15	0.52	7.50	9.48	0.02	0.14	22.3	103.1	Clear	No Odor
15:24	5	200	7.15	0.78	7.51	9.48	0.02	0.12	22.2	99.2	Clear	No Odor
15:29	5	200	7.15	1.04	7.52	9.47	0.02	0.12	22.3	94.2	Clear	No Odor
15:34	5	200	7.15	1.30	7.52	9.45	0.02	0.11	22.4	90.2	Clear	No Odor
15:39	5	200	7.15	1.56	7.53	9.46	0.02	0.11	22.1	86.6	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, naphthalene, 2-methylnaphthalene	40 mL Glass	3	HCL

Comments – None

Well Casing Volumes

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

Well Information

Well Location:	Onsite near PIV 18/19	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-26			Date	8-10-20
Project Name/Location	Ford LTP			Weather	84 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.90	Total Depth (ft-bmp)	14.20	Water Column (ft.)	7.30	Gallons in Well	1.19
		Pump Intake (ft-bmp)	8.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.21				
Sample Time: Label	13:14	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:39						
Purge End	13:17						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:41	0	180	6.93	0.00	7.49	1.49	65.00	0.72	24.8	-0.2	Clear	No Odor
12:46	5	180	6.93	0.24	7.24	1.40	58.70	0.19	24.1	12.0	Clear	No Odor
12:51	5	180	6.93	0.48	7.28	1.41	30.40	0.18	24.5	8.5	Clear	No Odor
12:56	5	180	6.93	0.72	7.30	1.43	17.40	0.13	24.4	5.4	Clear	No Odor
13:01	5	180	6.93	0.96	7.30	1.43	14.00	0.10	24.3	3.7	Clear	No Odor
13:06	5	180	6.93	1.20	7.32	1.43	13.50	0.11	24.0	1.1	Clear	No Odor
13:11	5	180	6.93	1.44	7.29	1.45	13.80	0.09	24.4	2.0	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, naphthalene, 2-methylnaphthalene	40 mL Glass	3	HCL

Comments None

Well Casing Volumes

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

Well Information

Well Location:	Parking lot onsite	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-27			Date	8-10-20
Project Name/Location	Ford LTP			Weather	85 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.50	Total Depth (ft-bmp)	14.48	Water Column (ft.)	6.98	Gallons in Well	1.13
		Pump Intake (ft-bmp)	9.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.38				
Sample Time: Label	14:06	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	13:31						
Purge End	14:10						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:34	0	200	7.53	0.00	7.16	1.65	0.02	0.50	24.3	16.2	Clear	No Odor
13:39	5	200	7.53	0.26	7.08	1.67	0.59	0.23	24.3	17.1	Clear	No Odor
13:44	5	200	7.53	0.52	7.08	1.64	1.28	0.14	24.3	8.7	Clear	No Odor
13:49	5	200	7.53	0.78	7.10	1.69	0.02	0.11	24.4	2.8	Clear	No Odor
13:54	5	200	7.53	1.04	7.12	1.75	0.02	0.12	24.3	-5.4	Clear	No Odor
13:59	5	200	7.53	1.30	7.16	1.78	0.02	0.11	24.7	-11.0	Clear	No Odor
14:04	5	200	7.53	1.56	7.16	1.74	0.02	0.11	24.9	-11.0	Clear	No Odor
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ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	LMW-20-28			Date	8-12-20
Project Name/Location	Ford LTP			Weather	66 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.15	Total Depth (ft-bmp)	14.28	Water Column (ft.)	8.13	Gallons in Well	1.32
		Pump Intake (ft-bmp)	7.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.73				
Sample Time: Label	9:14	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	8:39						
Purge End	9:18						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:42	0	120	6.17	0.00	7.37	3.40	6.05	1.01	22.1	-5.7	Clear	No Odor
8:47	5	120	6.17	0.16	7.52	3.39	5.80	0.72	22.2	-43.3	Clear	No Odor
8:52	5	120	6.17	0.32	7.52	3.38	0.68	0.66	22.2	-55.4	Clear	No Odor
8:57	5	120	6.17	0.48	7.51	3.38	0.02	0.62	22.2	-63.1	Clear	No Odor
9:02	5	120	6.17	0.64	7.45	3.41	0.02	0.56	22.2	-73.4	Clear	No Odor
9:07	5	120	6.17	0.80	7.42	3.46	0.02	0.55	22.2	-79.4	Clear	No Odor
9:12	5	120	6.17	0.96	7.40	3.50	0.02	0.55	22.3	-83.4	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, naphthalene, 2-methylnaphthalene	40 mL Glass	3	HCL

Comments None

Well Casing Volumes

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

Well Information

Well Location:	Inside plane near V76	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-01			Date	8-25-20
Project Name/Location	Ford LTP			Weather	79 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)	3.60	Total Depth (ft-bmp)	16.65	Water Column (ft.)	13.05	Gallons in Well	2.12
		Pump Intake (ft-bmp)	15.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.02				
Sample Time: Label	14:00	Volume Purged	6.4 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	12:34						
Purge End	14:05						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	300	4.40	0.00	7.14	21.33	34.40	0.54	20.2	-125.1	Small Black Particulates	No Odor
12:40	5	300	4.70	0.40	7.22	26.34	38.10	0.19	19.7	-140.4	Small Black Particulates	No Odor
12:45	5	300	4.75	0.80	7.28	26.99	21.40	0.13	19.5	-147.2	Clear	No Odor
12:50	5	300	4.75	1.20	7.34	27.66	4.50	0.08	19.5	-151.1	Clear	No Odor
12:55	5	300	4.75	1.60	7.38	28.14	4.30	0.05	19.4	-153.0	Clear	No Odor
13:00	5	300	4.75	2.00	7.41	28.52	3.58	0.04	19.4	-154.2	Clear	No Odor
13:05	5	300	4.75	2.40	7.44	29.43	3.15	0.02	19.3	-155.6	Clear	No Odor
13:10	5	300	4.75	2.80	7.45	29.89	2.41	0.01	19.4	-156.5	Clear	No Odor
13:15	5	300	4.75	3.20	7.47	30.53	2.15	0.01	19.3	-157.4	Clear	No Odor
13:20	5	300	4.75	3.60	7.49	31.35	1.51	0.00	19.2	-158.3	Clear	No Odor
13:25	5	300	4.75	4.00	7.50	31.86	1.25	0.00	19.3	-158.8	Clear	No Odor
13:30	5	300	4.75	4.40	7.51	32.29	1.50	0.00	19.4	-159.4	Clear	No Odor
13:35	5	300	4.75	4.80	7.52	32.71	1.42	0.00	19.3	-159.7	Clear	No Odor
13:40	5	300	4.75	5.20	7.52	35.15	1.20	0.00	20.0	-160.0	Clear	No Odor
13:45	5	300	4.75	5.60	7.51	33.78	1.50	0.00	20.0	-159.7	Clear	No Odor
13:50	5	300	4.75	6.00	7.52	33.50	1.45	0.00	20.0	-159.6	Clear	No Odor
13:55	5	300	4.75	6.40	7.52	33.63	1.40	0.03	20.0	-159.5	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 Thread tabs are stripped, TD is shallow

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 front of transmission plant in parking lot	Well Locked at Arrival:	N/A
Condition of Well:	Fair	Well Locked at Departure:	N/A
Well Completion:	Flush mount	Lock Functioning:	N/A

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-02			Date	8-19-20
Project Name/Location	Ford LTP			Weather	68 degrees F, Mostly Clear		
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)	6.83	Total Depth (ft-bmp)	19.47	Water Column (ft.)	12.64	Gallons in Well	2.05
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.61				
Sample Time: Label	11:15	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	10:37						
Purge End	11:20						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	160	7.20	0.00	7.06	13.01	0.33	0.38	20.8	-141.0	Clear	No Odor
10:45	5	160	7.20	0.21	7.06	13.03	0.15	0.31	20.8	-142.5	Clear	No Odor
10:50	5	160	7.20	0.42	7.06	13.13	0.20	0.22	20.8	-144.5	Clear	No Odor
10:55	5	160	7.20	0.63	7.06	13.22	0.38	0.15	20.8	-145.5	Clear	No Odor
11:00	5	160	7.20	0.84	7.07	13.24	0.25	0.13	20.8	-145.6	Clear	No Odor
11:05	5	160	7.20	1.05	7.07	13.25	0.25	0.11	20.8	-146.2	Clear	No Odor
11:10	5	160	7.20	1.26	7.07	13.28	0.14	0.13	20.8	-146.6	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

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

Well Information

Well Location:	By R16	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-03			Date	8-19-20
Project Name/Location	Ford LTP			Weather	61 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.10	Total Depth (ft-bmp)	18.64	Water Column (ft.)	11.54	Gallons in Well	1.88
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.67				
Sample Time: Label	9:55	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	9:19						
Purge End	10:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	160	7.21	0.00	6.97	13.37	2.86	1.04	20.8	-71.5	Clear	No Odor
9:25	5	160	7.21	0.21	7.12	13.39	0.87	0.45	20.8	-116.3	Clear	No Odor
9:30	5	160	7.21	0.42	7.18	13.39	0.50	0.31	20.8	-132.2	Clear	No Odor
9:35	5	160	7.21	0.63	7.20	13.38	0.43	0.22	20.8	-138.1	Clear	No Odor
9:40	5	160	7.21	0.84	7.21	13.38	0.54	0.17	20.8	-142.4	Clear	No Odor
9:45	5	160	7.21	1.05	7.22	13.42	0.64	0.13	20.8	-145.7	Clear	No Odor
9:50	5	160	7.21	1.26	7.22	13.41	0.48	0.11	20.8	-147.1	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

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:	Behind machine near entrance to plant	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-04			Date	8-19-20
Project Name/Location	Ford LTP			Weather	73 degrees F, Partly 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)	7.53	Total Depth (ft-bmp)	20.10	Water Column (ft.)	12.57	Gallons in Well	2.04
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.62				
Sample Time: Label	15:15	Volume Purged	1.26 gallons	Replicate/Code No.	DUP-15	Sampled by	Patrick Labadie
Purge Start	14:37						
Purge End	15:29						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:40	0	160	7.60	0.00	7.07	10.13	4.47	0.49	22.5	-108.3	Clear	No Odor
14:45	5	160	7.60	0.21	7.05	10.13	1.56	0.35	22.5	-113.1	Clear	No Odor
14:50	5	160	7.60	0.42	7.05	10.14	1.48	0.28	22.5	-113.3	Clear	No Odor
14:55	5	160	7.60	0.63	7.05	10.15	2.22	0.20	22.4	-114.2	Clear	No Odor
15:00	5	160	7.60	0.84	7.05	10.16	1.42	0.16	22.4	-115.3	Clear	No Odor
15:05	5	160	7.60	1.05	7.05	10.16	1.24	0.14	22.4	-116.1	Clear	No Odor
15:10	5	160	7.60	1.26	7.05	10.17	1.15	0.13	22.4	-116.6	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	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments None

Well Casing Volumes

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

Well Information

Well Location:	By L14	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-05			Date	8-19-20
Project Name/Location	Ford LTP			Weather	72 degrees F, Mostly Clear		
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)	7.10	Total Depth (ft-bmp)	19.67	Water Column (ft.)	12.57	Gallons in Well	2.04
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.47				
Sample Time: Label	12:25	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	11:50						
Purge End	12:30						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	120	7.30	0.00	7.36	13.03	5.51	0.85	21.6	-106.6	Clear	No Odor
11:55	5	120	7.25	0.16	7.35	13.09	3.93	0.53	21.6	-120.7	Clear	No Odor
12:00	5	120	7.25	0.32	7.35	13.10	2.50	0.42	21.6	-125.5	Clear	No Odor
12:05	5	120	7.25	0.48	7.34	13.12	2.30	0.33	21.6	-133.4	Clear	No Odor
12:10	5	120	7.25	0.64	7.33	13.16	1.50	0.19	21.8	-137.2	Clear	No Odor
12:15	5	120	7.25	0.80	7.33	13.20	1.20	0.15	21.7	-135.9	Clear	No Odor
12:20	5	120	7.25	0.96	7.32	13.22	0.52	0.19	21.6	-137.0	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

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 clean room near M22	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-07			Date	8-14-20
Project Name/Location	Ford LTP			Weather	78 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.69	Total Depth (ft-bmp)	22.32	Water Column (ft.)	17.63	Gallons in Well	2.86
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.95				
Sample Time: Label	12:28	Volume Purged	2.73 gallons	Replicate/Code No.	--	Sampled by	Amber Brannick
Purge Start	11:24						
Purge End	12:32						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	150	4.90	0.00	7.46	25.12	23.50	1.89	21.2	-26.6	Clear,Small Black Particulates	No Odor
11:30	5	150	4.92	0.20	7.49	20.39	13.70	0.29	20.6	-108.0	Clear,Small Black Particulates	No Odor
11:35	5	175	4.93	0.40	7.44	19.10	19.50	0.22	20.1	-122.0	Clear,Small Black Particulates	No Odor
11:40	5	175	4.95	0.63	7.40	18.00	8.59	0.13	19.4	-116.2	Clear,Small Black Particulates	No Odor
11:45	5	175	4.95	0.86	7.37	16.87	9.87	0.14	19.1	-111.8	Clear,Small Black Particulates	No Odor
11:50	5	175	4.95	1.12	7.36	16.38	6.37	0.10	19.1	-107.7	Clear,Small Black Particulates	No Odor
11:55	5	175	4.95	1.35	7.35	16.24	7.52	0.10	19.4	-104.2	Clear,Small Black Particulates	No Odor
12:00	5	175	4.95	1.58	7.35	16.17	6.42	0.09	19.4	-103.0	Clear,Small Black Particulates	No Odor
12:05	5	175	4.95	1.81	7.34	16.09	5.29	0.09	19.3	-101.4	Clear,Small Black Particulates	No Odor
12:10	5	175	4.95	2.04	7.33	15.95	5.16	0.08	19.3	-101.0	Clear,Small Black Particulates	No Odor
12:15	5	175	4.85	2.27	7.32	15.84	2.62	0.08	19.3	-100.0	Clear,Small Black Particulates	No Odor
12:20	5	175	4.95	2.50	7.32	15.82	1.53	0.06	19.4	-99.5	Clear,Small Black Particulates	No Odor
12:25	5	175	4.94	2.73	7.32	15.71	3.80	0.08	19.5	-96.0	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

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:	Parking lot between Gate 5&6, just west of Ford sign	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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-09			Date	8-14-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.76	Total Depth (ft-bmp)	24.20	Water Column (ft.)	17.44	Gallons in Well	2.83
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.50				
Sample Time: Label	10:20	Volume Purged	1.41 gallons	Replicate/Code No.	--	Sampled by	Amber Brannick
Purge Start	9:37						
Purge End	10:28						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	200	6.78	0.00	7.13	5.03	24.40	0.50	18.6	4.8	Clear,Small Black Particulates	No Odor
9:45	5	175	6.78	0.26	7.29	4.76	15.40	0.22	18.3	-35.5	Clear,Small Black Particulates	Faint Odor
9:50	5	175	6.89	0.49	7.32	4.79	12.60	0.18	18.1	-60.7	Clear,Small Black Particulates	No Odor
9:55	5	175	6.92	0.72	7.32	4.83	7.80	0.18	18.1	-72.9	Clear,Small Black Particulates	No Odor
10:00	5	175	6.97	0.95	7.33	4.90	7.17	0.15	18.0	-81.8	Clear,Small Black Particulates	No Odor
10:05	5	175	6.97	1.18	7.33	4.96	7.03	0.16	17.9	-86.2	Clear,Small Black Particulates	No Odor
10:10	5	175	7.01	1.41	7.34	5.03	7.07	0.20	18.0	-87.9	Clear,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	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments Chipped casing

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 parking lot off Plymouth Rd near Gate 5	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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-10			Date	8-20-20
Project Name/Location	Ford LTP			Weather	69 degrees F, Mostly Clear		
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)	8.47	Total Depth (ft-bmp)	20.76	Water Column (ft.)	12.29	Gallons in Well	2.00
		Pump Intake (ft-bmp)	19.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.77				
Sample Time: Label	14:30	Volume Purged	1.54 gallons	Replicate/Code No.	DUP-16	Sampled by	Patrick Labadie
Purge Start	13:49						
Purge End	14:40						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	170	8.75	0.00	7.23	8.15	31.70	0.45	21.8	-117.9	Small Orange Particulates	No Odor
13:55	5	170	8.80	0.22	7.20	8.19	19.10	0.31	21.8	-124.1	Clear	No Odor
14:00	5	170	8.80	0.44	7.19	8.23	14.50	0.23	21.7	-125.4	Clear	No Odor
14:05	5	170	8.80	0.66	7.18	8.28	12.00	0.17	21.7	-127.0	Clear,Small Orange Particulates	No Odor
14:10	5	170	8.80	0.88	7.17	8.30	8.77	0.16	21.7	-128.7	Small Orange Particulates	No Odor
14:15	5	170	8.80	1.10	7.16	8.38	4.80	0.14	21.8	-128.5	Small Orange Particulates	No Odor
14:20	5	170	8.80	1.32	7.13	8.45	4.55	0.14	21.7	-127.2	Clear	No Odor
14:25	5	170	8.80	1.54	7.13	8.46	3.83	0.10	21.7	-127.8	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	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments None

Well Casing Volumes

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

Well Information

Well Location:	Near E16	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-14			Date	8-13-20
Project Name/Location	Ford LTP			Weather	77 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)	6.35	Total Depth (ft-bmp)	20.00	Water Column (ft.)	13.65	Gallons in Well	2.22
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.98				
Sample Time: Label	11:40	Volume Purged	2.17 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	10:45						
Purge End	11:53						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	100	6.35	0.00	7.66	6.66	160.00	0.52	20.1	-136.8	Small Brown Particulates	No Odor
10:50	5	170	6.75	0.14	7.58	4.79	58.30	0.24	19.2	-145.9	Small Brown Particulates	No Odor
10:55	5	170	6.75	0.37	7.45	5.56	32.80	0.18	19.0	-137.0	Small Brown Particulates	No Odor
11:00	5	170	6.75	0.60	7.37	6.66	22.20	0.15	19.0	-130.0	Small Brown Particulates	No Odor
11:05	5	170	6.75	0.83	7.30	7.88	14.10	0.14	19.0	-120.8	Small Brown Particulates	No Odor
11:10	5	170	6.75	1.06	7.24	8.85	9.90	0.11	19.1	-112.7	Small Brown Particulates	No Odor
11:15	5	170	6.75	1.29	7.22	9.30	12.50	0.10	19.1	-106.6	Small Brown Particulates	No Odor
11:20	5	170	6.75	1.51	7.20	9.45	10.40	0.09	19.2	-101.9	Small Brown Particulates	No Odor
11:25	5	170	6.75	1.73	7.15	9.53	9.95	0.04	18.7	-93.4	Small Brown Particulates	No Odor
11:30	5	170	6.75	1.95	7.15	9.57	9.77	0.05	19.2	-90.9	Small Brown Particulates	No Odor
11:35	5	170	6.75	2.17	7.13	9.59	9.50	0.07	19.2	-88.7	Small Brown 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

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

Well Information

Well Location:	North parking lot	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-15-59D			Date	8-21-20
Project Name/Location	Ford LTP			Weather	82 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	94-99	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	27.70	Total Depth (ft-bmp)	99.00	Water Column (ft.)	71.30	Gallons in Well	11.59
		Pump Intake (ft-bmp)	96.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.18				
Sample Time: Label	13:35	Volume Purged	2.08 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	12:50						
Purge End	13:40						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	200	27.80	0.00	7.87	0.38	1.11	0.35	16.1	-117.6	Clear	No Odor
12:55	5	200	27.80	0.26	7.87	0.38	1.05	0.32	16.0	-133.0	Clear	No Odor
13:00	5	200	27.80	0.52	7.87	0.38	1.02	0.29	16.1	-143.6	Clear	No Odor
13:05	5	200	27.80	0.78	7.87	0.38	1.25	0.27	15.5	-153.2	Clear	No Odor
13:10	5	200	27.80	1.04	7.89	0.38	1.50	0.20	15.6	-161.2	Clear	No Odor
13:15	5	200	27.80	1.30	7.94	0.38	1.20	0.20	15.3	-169.4	Clear	No Odor
13:20	5	200	27.80	1.56	7.99	0.39	1.50	0.14	15.3	-176.2	Clear	No Odor
13:25	5	200	27.80	1.82	8.02	0.39	1.50	0.08	15.2	-181.1	Clear	No Odor
13:30	5	200	27.80	2.08	8.07	0.39	1.21	0.06	15.3	-185.9	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
1,1-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* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	In outside assembly area C	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-15-60D			Date	8-21-20
Project Name/Location	Ford LTP			Weather	66 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	93-98	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	21.82	Total Depth (ft-bmp)	98.00	Water Column (ft.)	76.18	Gallons in Well	12.38
		Pump Intake (ft-bmp)	95.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.25				
Sample Time: Label	10:50	Volume Purged	3.11 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	9:52						
Purge End	11:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	210	22.10	0.00	7.34	0.54	2.10	1.21	16.9	-78.8	Clear	No Odor
10:03	8	210	22.10	0.44	7.43	0.53	2.19	0.41	16.8	-94.4	Clear	No Odor
10:08	5	220	22.10	0.72	7.62	0.49	2.04	0.28	16.4	-116.8	Clear	No Odor
10:15	7	250	22.10	1.13	7.77	0.48	3.50	0.23	16.5	-140.5	Clear	No Odor
10:20	5	250	22.10	1.46	7.80	0.48	3.86	0.24	16.1	-149.5	Clear	No Odor
10:25	5	250	22.10	1.79	7.84	0.48	3.50	0.17	15.9	-158.7	Clear	No Odor
10:30	5	250	22.10	2.12	7.88	0.48	3.21	0.12	15.9	-168.1	Clear	No Odor
10:35	5	250	22.10	2.45	7.91	0.48	2.54	0.10	15.9	-174.4	Clear	No Odor
10:40	5	250	22.10	2.78	7.94	0.48	3.15	0.08	15.9	-178.6	Clear	No Odor
10:45	5	250	22.10	3.11	7.96	0.48	2.45	0.08	15.8	-182.7	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
1,1-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:	SW parking lot	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-15-61D			Date	8-15-20
Project Name/Location		Ford LTP		Weather	74 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	88-93	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	24.55	Total Depth (ft-bmp)	93.00	Water Column (ft.)	68.45	Gallons in Well	11.12
		Pump Intake (ft-bmp)	90.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.40				
Sample Time: Label	11:43	Volume Purged	4.44 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
Purge Start	10:40						
Purge End	11:46						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:41	0	300	24.90	0.00	7.58	0.96	8.09	1.59	18.2	-80.8	Clear	Slight Odor
10:46	5	300	25.89	0.40	7.50	0.99	18.90	3.79	17.3	-101.2	Clear	No Odor
10:51	5	300	26.30	0.80	7.50	0.99	20.00	3.23	16.8	-103.0	Clear	Strong Odor
10:56	5	300	27.80	1.20	7.49	0.99	32.50	0.69	16.5	-105.9	Clear	Strong Odor
11:01	5	300	28.12	1.60	7.48	0.99	24.40	0.45	17.8	-106.6	Clear	Strong Odor
11:06	5	300	28.79	2.00	7.48	0.99	27.60	0.48	19.1	-106.2	Clear	Strong Odor
11:11	5	300	30.00	2.40	7.47	0.99	32.20	0.62	16.9	-101.6	Clear	Strong Odor
11:16	5	300	31.65	2.80	7.47	0.98	21.50	0.55	16.1	-98.8	Clear	No Odor
11:21	5	300	32.40	3.20	7.47	0.99	26.60	0.45	17.9	-98.5	Clear	Strong Odor
11:26	5	300	33.50	3.24	7.46	0.98	6.51	0.41	17.2	-95.4	Clear	No Odor
11:31	5	300	34.96	3.64	7.46	0.98	20.50	0.47	16.6	-92.6	Clear	Strong Odor
11:36	5	300	35.58	4.04	7.45	0.96	12.40	0.41	18.3	-91.9	Clear	No Odor
11:41	5	300	36.70	4.44	7.46	0.98	16.90	0.38	17.2	-88.6	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 Sunken sand pack

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:	E Road	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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-18			Date	8-24-20
Project Name/Location	Ford LTP			Weather	85 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13-18	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.75	Total Depth (ft-bmp)	18.00	Water Column (ft.)	11.25	Gallons in Well	1.83
		Pump Intake (ft-bmp)	15.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.85				
Sample Time: Label	13:30	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	12:55						
Purge End	13:40						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	200	6.90	0.00	6.81	2.33	18.40	0.38	20.2	-106.1	Small Black Particulates	No Odor
13:00	5	200	6.90	0.26	6.81	2.32	13.10	0.28	20.3	-109.5	Small Black Particulates	No Odor
13:05	5	200	6.90	0.52	6.82	2.32	7.35	0.20	20.0	-111.9	Small Black Particulates	No Odor
13:10	5	200	6.90	0.78	6.82	2.30	6.81	0.14	20.0	-113.2	Small Black Particulates	No Odor
13:15	5	200	6.90	1.04	6.83	2.30	3.90	0.10	19.9	-113.9	Small Black Particulates	No Odor
13:20	5	200	6.90	1.30	6.82	2.29	3.15	0.09	19.6	-114.0	Small Black Particulates	No Odor
13:25	5	200	6.90	1.56	6.83	2.28	2.45	0.05	19.6	-114.3	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
1,1-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:	Parking lot south west of test track	Well Locked at Arrival:	no
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-19			Date	8-18-20
Project Name/Location	Ford LTP			Weather	65 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)	4.90	Total Depth (ft-bmp)	20.00	Water Column (ft.)	15.10	Gallons in Well	2.45
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.59				
Sample Time: Label	10:30	Volume Purged	1.44 gallons	Replicate/Code No.	DUP-07	Sampled by	Patrick Labadie
Purge Start	9:52						
Purge End	10:40						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	180	6.00	0.00	6.75	11.85	7.88	0.46	18.0	-86.0	Small Brown Particulates	No Odor
10:00	5	180	6.00	0.24	6.80	11.68	9.81	0.19	17.6	-102.4	Small Brown Particulates	No Odor
10:05	5	180	6.10	0.48	6.79	11.63	5.79	0.17	17.7	-102.9	Small Brown Particulates	No Odor
10:10	5	180	6.10	0.72	6.79	11.56	4.75	0.11	17.7	-104.2	Small Brown Particulates	No Odor
10:15	5	180	6.10	0.96	6.79	11.66	4.90	0.09	17.7	-106.2	Small Brown Particulates	No Odor
10:20	5	180	6.10	1.20	6.79	11.71	4.15	0.07	17.7	-107.3	Small Brown Particulates	No Odor
10:25	5	180	6.10	1.44	6.80	11.72	3.59	0.06	17.7	-108.1	Small Brown 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	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments None

Well Casing Volumes

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

Well Information

Well Location:	Near brick smoke stack on plant	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-22			Date	8-4-20
Project Name/Location	Ford LTP			Weather	75 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-20.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.52	Total Depth (ft-bmp)	20.50	Water Column (ft.)	12.98	Gallons in Well	2.11
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.57				
Sample Time: Label	15:05	Volume Purged	1.2 gallons	Replicate/Code No.	DUP-02	Sampled by	Patrick Labadie
Purge Start	14:25						
Purge End	15:30						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	150	7.52	0.00	6.97	11.63	14.50	0.46	18.0	-101.5	Clear	No Odor
14:35	5	150	7.62	0.20	6.98	11.43	17.40	0.20	17.7	-94.3	Clear	No Odor
14:40	5	150	7.62	0.40	6.98	11.03	18.50	0.13	17.4	-93.1	Clear	No Odor
14:45	5	150	7.62	0.60	6.98	11.04	14.20	0.12	17.6	-92.4	Clear	No Odor
14:50	5	150	7.62	0.80	6.98	10.92	12.40	0.10	17.8	-91.9	Clear	No Odor
14:55	5	150	7.62	1.00	6.98	10.89	12.10	0.11	17.6	-91.6	Clear	No Odor
15:00	5	150	7.62	1.20	6.99	10.84	12.60	0.13	17.8	-91.2	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
1,1-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:	Center of race track	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-23			Date	8-4-20
Project Name/Location	Ford LTP			Weather	72 degrees F, 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)	6.40	Total Depth (ft-bmp)	19.70	Water Column (ft.)	13.30	Gallons in Well	2.16
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.61				
Sample Time: Label	12:55	Volume Purged	1.32 gallons	Replicate/Code No.	DUP-01	Sampled by	Patrick Labadie
Purge Start	12:10						
Purge End	13:15						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	145	6.40	0.00	7.08	10.02	44.40	0.46	17.8	-24.3	Small Orange Particulates	No Odor
12:15	5	125	6.40	0.19	7.08	9.96	44.30	0.33	17.5	-25.9	Small Orange Particulates	No Odor
12:20	5	120	6.55	0.36	7.10	9.88	22.50	0.24	17.4	-25.5	Small Orange Particulates	No Odor
12:25	5	120	6.55	0.52	7.10	9.84	20.40	0.14	17.4	-25.1	Small Orange Particulates	No Odor
12:30	5	120	6.55	0.68	7.10	9.83	7.10	0.11	17.2	-22.8	Small Orange Particulates	No Odor
12:35	5	120	6.55	0.84	7.10	9.83	7.40	0.10	17.2	-21.7	Small Orange Particulates	No Odor
12:40	5	120	6.55	1.00	7.10	9.87	4.65	0.09	17.0	-20.2	Clear	No Odor
12:45	5	120	6.55	1.16	7.09	9.88	4.61	0.08	17.0	-20.1	Clear	No Odor
12:50	5	120	6.55	1.32	7.09	9.91	4.44	0.09	17.0	-19.8	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	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:	South end of racetrack	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-24			Date	8-13-20
Project Name/Location	Ford LTP			Weather	84 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.85	Total Depth (ft-bmp)	24.00	Water Column (ft.)	14.15	Gallons in Well	2.30
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.71				
Sample Time: Label	13:55	Volume Purged	1.64 gallons	Replicate/Code No.	MW-24-MS_081320, MW-24-MSD_081320	Sampled by	Patrick Labadie
Purge Start	13:10						
Purge End	14:25						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:10	0	150	10.00	0.00	6.89	3.24	74.40	0.46	16.9	-79.6	Small Orange Particulates	No Odor
13:15	5	175	10.00	0.21	6.90	3.24	63.20	0.33	16.4	-79.3	Small Orange Particulates	No Odor
13:20	5	175	10.00	0.45	6.91	3.22	56.60	0.25	16.5	-79.0	Small Orange Particulates	No Odor
13:25	5	175	10.00	0.69	6.91	3.21	41.80	0.16	16.6	-79.6	Small Orange Particulates	No Odor
13:30	5	175	10.00	0.92	6.92	3.23	26.10	0.16	17.2	-81.5	Small Orange Particulates	No Odor
13:35	5	180	10.00	1.16	6.92	3.23	19.10	0.14	16.2	-82.5	Small Orange Particulates	No Odor
13:40	5	180	10.00	1.40	6.92	3.25	18.90	0.12	16.6	-82.6	Small Orange Particulates	No Odor
13:45	5	180	10.00	1.64	6.93	3.21	18.50	0.10	16.4	-82.6	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	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Along the grass next to Levan	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-25			Date	8-13-20
Project Name/Location	Ford LTP			Weather	67 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)	5.90	Total Depth (ft-bmp)	20.51	Water Column (ft.)	14.61	Gallons in Well	2.37
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.65				
Sample Time: Label	9:50	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	9:15						
Purge End	10:04						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	175	5.15	0.00	7.04	5.56	22.40	0.65	19.6	-85.6	Small Orange Particulates	No Odor
9:20	5	200	5.15	0.23	7.17	5.53	17.90	0.37	19.4	-116.8	Small Orange Particulates	No Odor
9:25	5	200	5.30	0.49	7.20	5.39	14.60	0.23	19.4	-119.6	Small Orange Particulates	No Odor
9:30	5	200	5.30	0.75	7.22	5.15	10.00	0.16	19.3	-119.4	Clear	No Odor
9:35	5	200	5.30	1.01	7.24	5.07	4.90	0.13	19.2	-121.0	Clear	No Odor
9:40	5	200	5.30	1.27	7.24	5.07	4.94	0.12	19.1	-122.6	Clear	No Odor
9:45	5	200	5.30	1.53	7.24	5.09	4.88	0.11	19.1	-123.9	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
1,1-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 The lid is broken

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:	Center of west parking lot	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-26			Date	8-25-20
Project Name/Location	Ford LTP			Weather	76 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.80	Total Depth (ft-bmp)	14.50	Water Column (ft.)	8.70	Gallons in Well	1.41
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11				
Sample Time: Label	10:40	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	10:03						
Purge End	10:50						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	200	5.80	0.00	6.88	2.98	11.30	0.68	18.5	192.6	Small Black Particulates	No Odor
10:10	5	200	5.80	0.26	7.05	2.93	6.54	0.42	18.3	168.6	Small Black Particulates	No Odor
10:15	5	200	5.80	0.52	7.10	2.94	4.22	0.20	18.1	154.2	Small Black Particulates	No Odor
10:20	5	200	5.80	0.78	7.11	2.95	4.42	0.21	18.1	149.7	Small Black Particulates	No Odor
10:25	5	200	5.80	1.04	7.11	2.95	4.03	0.13	18.0	147.2	Small Black Particulates	No Odor
10:30	5	200	5.80	1.30	7.12	2.97	2.90	0.10	18.0	145.2	Small Black Particulates	No Odor
10:35	5	200	5.80	1.56	7.12	2.97	2.10	0.08	17.9	142.5	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
1,1-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* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	NW corner of transmission plant	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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-28			Date	8-20-20
Project Name/Location	Ford LTP			Weather	76 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.10	Total Depth (ft-bmp)	11.65	Water Column (ft.)	7.55	Gallons in Well	1.23
		Pump Intake (ft-bmp)	7.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.24				
Sample Time: Label	17:00	Volume Purged	2.75 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	16:00						
Purge End	17:05						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:00	0	190	4.20	0.00	7.34	10.99	2.87	0.84	24.4	72.4	Clear	No Odor
16:05	5	190	4.21	0.25	7.34	10.87	3.11	0.40	24.7	65.3	Clear	No Odor
16:10	5	190	4.21	0.50	7.33	10.78	2.87	0.39	24.8	62.5	Clear	No Odor
16:15	5	190	4.21	0.75	7.31	10.66	2.11	0.25	24.9	58.9	Clear	No Odor
16:20	5	190	4.21	1.00	7.30	10.46	3.24	0.16	24.9	55.9	Clear	No Odor
16:25	5	190	4.21	1.25	7.28	10.17	3.14	0.12	24.9	54.2	Clear	No Odor
16:30	5	190	4.21	1.50	7.28	10.00	3.28	0.12	24.9	53.3	Clear	No Odor
16:35	5	190	4.21	1.75	7.27	9.76	2.56	0.10	24.9	52.3	Clear	No Odor
16:40	5	190	4.21	2.00	7.27	9.57	3.51	0.10	24.9	51.4	Clear	No Odor
16:45	5	190	4.21	2.25	7.26	9.36	3.25	0.09	24.8	50.4	Clear	No Odor
16:50	5	190	4.21	2.50	7.25	9.22	2.52	0.09	24.9	49.5	Clear	No Odor
16:55	5	190	4.21	2.75	7.24	9.16	2.86	0.09	24.9	49.0	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

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:	Parking lot north of test track	Well Locked at Arrival:	no
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-29			Date	8-18-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.15	Total Depth (ft-bmp)	14.87	Water Column (ft.)	9.72	Gallons in Well	1.58
		Pump Intake (ft-bmp)	10.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.91				
Sample Time: Label	12:10	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	11:35						
Purge End	12:15						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	180	5.20	0.00	6.81	9.73	4.04	0.49	19.6	-16.0	Clear	No Odor
11:40	5	180	5.20	0.24	6.89	10.67	2.03	0.26	19.7	-31.5	Clear	No Odor
11:45	5	180	5.20	0.48	6.92	10.91	1.22	0.21	19.6	-38.7	Clear	No Odor
11:50	5	180	5.20	0.72	6.93	11.05	2.50	0.14	19.6	-41.8	Clear	No Odor
11:55	5	180	5.20	0.96	6.94	11.27	1.20	0.09	19.5	-44.4	Clear	No Odor
12:00	5	180	5.20	1.20	6.94	11.31	1.58	0.07	19.5	-46.4	Clear	No Odor
12:05	5	180	5.20	1.44	6.95	11.38	1.40	0.05	19.4	-48.3	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
1,1-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:	In front of the north dock	Well Locked at Arrival:	no
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-30			Date	8-15-20
Project Name/Location	Ford LTP			Weather	81 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.68	Total Depth (ft-bmp)	24.64	Water Column (ft.)	14.96	Gallons in Well	2.43
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.59				
Sample Time: Label	13:05	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Amber Brannick
Purge Start	12:26						
Purge End	13:09						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	200	10.48	0.00	6.84	6.55	28.30	1.20	18.1	-39.2	Clear,Small Orange Particulates	No Odor
12:35	5	200	10.69	0.26	7.21	6.54	29.60	0.31	17.5	-83.0	Clear,Small Orange Particulates	No Odor
12:40	5	175	10.78	0.52	7.29	6.56	23.80	0.22	17.4	-105.1	Clear,Small Orange Particulates	No Odor
12:45	5	175	10.79	0.75	7.30	6.53	29.00	0.17	17.5	-115.7	Clear,Small Orange Particulates	No Odor
12:50	5	175	10.79	0.98	7.30	6.51	21.90	0.16	17.4	-121.0	Clear,Small Orange Particulates	No Odor
12:55	5	175	10.79	1.21	7.29	6.48	23.40	0.09	17.4	-123.0	Clear,Small Orange Particulates	No Odor
13:00	5	175	10.79	1.44	7.29	6.44	21.90	0.10	17.3	-124.2	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
1,4-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* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Entrance from gate 1 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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-31			Date	8-15-20
Project Name/Location	Ford LTP			Weather	69 degrees F, Light Rain		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.75	Total Depth (ft-bmp)	21.68	Water Column (ft.)	11.93	Gallons in Well	1.94
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.42				
Sample Time: Label	9:45	Volume Purged	0.82 gallons	Replicate/Code No.	MW-31-MS_081520, MW-31-MSD_081520	Sampled by	Emma Witherspoon
Purge Start	9:09						
Purge End	9:58						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:10	0	125	9.90	0.00	7.34	12.19	0.12	1.93	16.8	-141.0	Clear	No Odor
9:15	5	100	9.83	0.17	7.23	12.40	0.11	0.65	17.7	-124.2	Clear	No Odor
9:20	5	100	9.82	0.30	7.22	12.36	0.47	0.53	17.8	-121.5	Clear	No Odor
9:25	5	100	9.83	0.43	7.24	12.28	1.18	0.57	18.7	-121.3	Clear	No Odor
9:30	5	100	9.83	0.56	7.22	12.21	0.02	0.29	17.7	-118.9	Clear	No Odor
9:35	5	100	9.83	0.69	7.23	12.18	0.02	0.25	17.7	-118.4	Clear	No Odor
9:40	5	100	9.85	0.82	7.24	12.14	0.02	0.44	17.7	-119.9	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
1,1-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:	SE of site	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-32			Date	8-17-20
Project Name/Location	Ford LTP			Weather	81 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.14	Total Depth (ft-bmp)	22.82	Water Column (ft.)	13.68	Gallons in Well	2.22
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.57				
Sample Time: Label	15:55	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	15:18						
Purge End	16:01						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:20	0	160	9.20	0.00	7.03	3.91	66.20	0.51	14.9	-78.9	Small Orange Particulates	No Odor
15:25	5	160	9.50	0.21	7.07	3.89	69.90	0.37	14.8	-88.5	Small Orange Particulates	No Odor
15:30	5	160	9.50	0.42	7.10	3.87	53.30	0.24	14.7	5.8	Small Orange Particulates	No Odor
15:35	5	160	9.50	0.63	7.10	3.91	19.70	0.16	14.8	-98.3	Small Orange Particulates	No Odor
15:40	5	160	9.50	0.84	7.10	3.93	21.10	0.15	14.7	-99.2	Small Orange Particulates	No Odor
15:45	5	160	9.50	1.05	7.11	4.00	21.70	0.12	14.6	-101.3	Small Orange Particulates	No Odor
15:50	5	160	9.50	1.26	7.11	4.04	19.70	0.10	14.7	-102.6	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

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:	By gate1 sign	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-33			Date	8-14-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly 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)	7.95	Total Depth (ft-bmp)	18.67	Water Column (ft.)	10.72	Gallons in Well	1.74
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.84				
Sample Time: Label	9:50	Volume Purged	1.47 gallons	Replicate/Code No.	MW-33-MS_081420, MW-33-MSD_081420	Sampled by	Patrick Labadie
Purge Start	9:14						
Purge End	10:05						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	165	7.95	0.00	6.94	3.32	40.00	0.88	15.8	-85.5	Small Brown Particulates	No Odor
9:20	5	185	8.20	0.22	7.02	3.33	32.30	0.27	15.5	-102.1	Small Brown Particulates	No Odor
9:25	5	185	8.20	0.47	7.01	3.36	20.10	0.21	15.6	-100.1	Small Brown Particulates	No Odor
9:30	5	185	8.20	0.72	7.01	3.41	11.30	0.15	15.9	-98.3	Small Brown Particulates	No Odor
9:35	5	185	8.20	0.97	7.01	3.44	5.90	0.10	15.9	-98.8	Small Brown Particulates	No Odor
9:40	5	185	8.20	1.22	7.02	3.45	5.50	0.07	15.8	-99.0	Small Brown Particulates	No Odor
9:45	5	185	8.20	1.47	7.02	3.47	5.40	0.06	15.6	-100.3	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
1,1-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:	Next to gate 2 sign	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-34			Date	8-15-20
Project Name/Location	Ford LTP			Weather	69 degrees F, Light Rain		
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)	9.32	Total Depth (ft-bmp)	21.26	Water Column (ft.)	11.94	Gallons in Well	1.94
		Pump Intake (ft-bmp)	19.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.62				
Sample Time: Label	9:50	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
Purge Start	9:17						
Purge End	9:53						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:18	0	150	9.81	0.00	7.34	7.96	8.39	7.49	17.3	-146.3	Clear,Small Orange Particulates	No Odor
9:23	5	150	10.25	0.20	7.12	8.00	9.90	6.53	17.3	-113.2	Clear,Small Orange Particulates	No Odor
9:28	5	150	10.38	0.40	7.11	8.03	8.68	6.16	17.4	-105.8	Clear,Small Orange Particulates	No Odor
9:33	5	150	10.43	0.60	7.11	8.03	3.90	5.90	17.3	-102.1	Clear	No Odor
9:38	5	150	10.46	0.80	7.11	7.97	2.99	5.66	17.3	-99.9	Clear	No Odor
9:43	5	150	10.46	1.00	7.11	7.94	2.24	5.53	17.2	-99.1	Clear	No Odor
9:48	5	150	10.47	1.20	7.12	7.90	2.11	5.31	17.1	-98.4	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
1,1-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:	E Road	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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-35			Date	8-15-20
Project Name/Location	Ford LTP			Weather	69 degrees F, Light Rain		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.39	Total Depth (ft-bmp)	24.25	Water Column (ft.)	15.86	Gallons in Well	2.58
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.65				
Sample Time: Label	9:04	Volume Purged	1.68 gallons	Replicate/Code No.	MW-35-MS_081520, MW-35-MSD_081520	Sampled by	Christina Weaver
Purge Start	8:29						
Purge End	9:12						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:31	0	210	8.82	0.00	7.66	3.24	4.43	2.14	17.5	-128.0	Clear	No Odor
8:36	5	210	9.24	0.28	7.60	3.11	17.90	0.30	17.4	-142.9	Clear	No Odor
8:41	5	210	9.31	0.56	7.59	3.10	26.90	0.26	17.3	-145.8	Clear	No Odor
8:46	5	210	9.41	0.84	7.59	3.08	23.50	0.18	17.0	-148.4	Clear	No Odor
8:51	5	210	9.44	1.12	7.60	3.08	28.10	0.38	17.4	-148.5	Clear	No Odor
8:56	5	210	9.49	1.40	7.59	3.00	28.90	0.14	16.9	-151.8	Clear	No Odor
9:01	5	210	9.49	1.68	7.59	2.99	26.50	0.11	16.9	-154.1	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	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:	Onsite ROW	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-36			Date	8-13-20
Project Name/Location	Ford LTP			Weather	85 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	20-25	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.40	Total Depth (ft-bmp)	25.00	Water Column (ft.)	15.60	Gallons in Well	2.53
		Pump Intake (ft-bmp)	22.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.62				
Sample Time: Label	15:30	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	14:54						
Purge End	15:45						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:55	0	200	9.90	0.00	7.21	3.13	107.00	0.47	15.5	-71.4	Small Orange Particulates	No Odor
15:00	5	200	10.30	0.26	7.21	3.32	53.10	0.30	15.6	-85.3	Small Orange Particulates	No Odor
15:05	5	200	10.30	0.52	7.22	6.37	41.00	0.24	15.5	-91.5	Small Orange Particulates	No Odor
15:10	5	200	10.30	0.78	7.23	8.31	24.80	0.22	15.4	-94.9	Small Orange Particulates	No Odor
15:15	5	200	10.30	1.04	7.23	8.42	24.00	0.19	15.4	-95.9	Small Orange Particulates	No Odor
15:20	5	200	10.30	1.30	7.23	8.41	22.20	0.18	15.5	-98.4	Small Orange Particulates	No Odor
15:25	5	200	10.30	1.56	7.23	8.41	22.00	0.19	15.3	-99.7	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

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:	On grass next to Levan	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-37			Date	8-14-20
Project Name/Location	Ford LTP			Weather	81 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.80	Total Depth (ft-bmp)	23.00	Water Column (ft.)	15.20	Gallons in Well	2.47
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.01				
Sample Time: Label	12:55	Volume Purged	2.5 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	11:58						
Purge End	13:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	120	7.95	0.00	7.52	2.61	276.00	0.38	16.4	-152.7	Small Orange Particulates	No Odor
12:05	5	200	7.95	0.16	7.53	2.57	189.00	0.25	16.0	-155.5	Small Orange Particulates	No Odor
12:10	5	200	7.95	0.42	7.52	2.53	73.90	0.18	16.3	-156.8	Small Orange Particulates	No Odor
12:15	5	200	8.00	0.68	7.50	2.38	49.50	0.16	15.9	-155.4	Small Orange Particulates	No Odor
12:20	5	200	8.00	0.94	7.48	2.32	37.20	0.16	15.9	-154.0	Small Orange Particulates	No Odor
12:25	5	200	8.00	1.20	7.45	2.26	31.70	0.17	16.1	-152.1	Small Orange Particulates	No Odor
12:30	5	200	8.00	1.46	7.44	2.21	27.60	0.18	15.8	-150.8	Clear,Small Orange Particulates	No Odor
12:35	5	200	8.00	1.72	7.42	2.16	25.60	0.21	16.2	-149.5	Clear,Small Orange Particulates	No Odor
12:40	5	200	8.00	1.98	7.40	2.10	15.00	0.24	15.8	-148.0	Clear,Small Orange Particulates	No Odor
12:45	5	200	8.00	2.24	7.40	2.08	14.90	0.23	16.0	-147.1	Clear,Small Orange Particulates	No Odor
12:50	5	200	8.00	2.50	7.39	2.06	14.50	0.22	16.2	-146.5	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
1,1-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:	Grass by gate 3	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-38			Date	8-14-20
Project Name/Location	Ford LTP			Weather	78 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)	8.00	Total Depth (ft-bmp)	20.00	Water Column (ft.)	12.00	Gallons in Well	1.95
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.62				
Sample Time: Label	11:25	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	10:50						
Purge End	11:30						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	150	8.05	0.00	7.55	2.47	6.30	0.56	16.4	-160.7	Clear	No Odor
10:55	5	150	8.30	0.20	7.55	2.46	4.36	0.36	16.3	-167.6	Clear	No Odor
11:00	5	150	8.30	0.40	7.55	2.47	3.51	0.27	16.3	-169.2	Clear	No Odor
11:05	5	150	8.30	0.60	7.52	2.44	3.20	0.19	16.3	-166.2	Clear	No Odor
11:10	5	150	8.30	0.80	7.50	2.42	2.30	0.12	16.5	-165.5	Clear	No Odor
11:15	5	150	8.30	1.00	7.49	2.41	2.20	0.09	16.3	-164.4	Clear	No Odor
11:20	5	150	8.30	1.20	7.48	2.42	1.90	0.08	16.2	-163.7	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
1,1-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:	In grass near gate 2	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-39			Date	8-24-20
Project Name/Location	Ford LTP			Weather	87 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.81	Total Depth (ft-bmp)	24.15	Water Column (ft.)	13.34	Gallons in Well	2.17
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.81				
Sample Time: Label	15:10	Volume Purged	1.75 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	14:29						
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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	190	10.82	0.00	6.96	4.99	20.00	0.53	19.3	48.9	Small Orange Particulates	No Odor
14:35	5	190	10.83	0.25	6.97	4.93	18.70	0.56	18.9	29.3	Small Orange Particulates	No Odor
14:40	5	190	10.83	0.50	6.99	4.64	6.47	0.29	18.8	3.1	Clear	No Odor
14:45	5	190	10.83	0.75	7.00	4.39	3.86	0.27	18.9	-8.4	Clear	No Odor
14:50	5	190	10.83	1.00	7.00	4.28	2.50	0.22	18.7	-9.7	Clear	No Odor
14:55	5	190	10.83	1.25	7.01	4.18	2.04	0.14	18.8	-11.7	Clear	No Odor
15:00	5	190	10.83	1.50	7.01	4.14	2.58	0.12	19.0	-11.7	Clear	No Odor
15:05	5	190	10.83	1.75	7.01	4.10	2.10	0.10	19.2	-12.1	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

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 1 in lawn	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-40			Date	8-15-20
Project Name/Location	Ford LTP			Weather	69 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)	9.50	Total Depth (ft-bmp)	19.36	Water Column (ft.)	9.86	Gallons in Well	1.60
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.50				
Sample Time: Label	8:45	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	7:43						
Purge End	8:47						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
7:45	0	150	9.70	0.00	7.18	30.62	1.40	1.44	17.7	-135.4	Clear,Small Orange Particulates	No Odor
7:50	5	150	9.60	0.20	7.23	30.37	10.70	0.84	17.8	-148.1	Clear,Small Orange Particulates	No Odor
7:55	5	150	9.60	0.40	7.26	29.71	2.84	0.69	17.7	-148.6	Clear	No Odor
8:00	5	150	9.60	0.60	7.29	28.84	14.90	0.69	17.8	-146.0	Clear	No Odor
8:05	5	150	9.60	0.80	7.31	28.28	0.37	0.62	17.7	-145.2	Clear	No Odor
8:10	5	150	9.60	1.00	7.32	28.11	0.37	0.68	17.9	-144.6	Clear	No Odor
8:15	5	150	9.60	1.20	7.32	28.08	1.44	0.98	17.9	-144.5	Clear	No Odor
8:20	5	150	9.60	1.40	7.33	28.09	3.74	0.84	17.9	-144.8	Clear	No Odor
8:25	5	150	9.60	1.60	7.33	28.04	4.36	1.26	17.9	-144.9	Clear	No Odor
8:30	5	150	9.60	1.80	7.33	28.02	1.64	0.80	17.9	-145.2	Clear	No Odor
8:35	5	150	9.60	2.00	7.34	28.02	1.44	0.65	17.9	-145.8	Clear	No Odor
8:40	5	150	9.60	2.20	7.34	27.96	0.02	0.62	17.9	-145.9	Clear	No Odor
8:45	5	150	9.60	2.40	7.34	27.58	1.43	0.60	17.8	-146.0	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

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:	SE 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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-41			Date	8-15-20
Project Name/Location	Ford LTP			Weather	69 degrees F, Light Rain		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.18	Total Depth (ft-bmp)	20.93	Water Column (ft.)	11.75	Gallons in Well	1.91
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.86				
Sample Time: Label	9:20	Volume Purged	1.64 gallons	Replicate/Code No.	--	Sampled by	Amber Brannick
Purge Start	8:37						
Purge End	9:27						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:40	0	200	9.43	0.00	6.93	9.46	8.71	0.68	16.7	-5.7	Clear,Small Orange Particulates	No Odor
8:45	5	175	9.43	0.26	7.06	9.48	12.80	0.29	16.5	-42.6	Clear,Small Orange Particulates	No Odor
8:50	5	175	9.43	0.49	7.08	9.44	13.90	0.31	16.6	-56.9	Clear,Small Orange Particulates	No Odor
8:55	5	175	9.43	0.72	7.09	9.41	19.30	0.21	16.5	-74.5	Clear,Small Orange Particulates	No Odor
9:00	5	175	9.43	0.95	7.10	9.46	8.68	0.19	16.5	-83.1	Clear,Small Orange Particulates	No Odor
9:05	5	175	9.43	1.18	7.10	9.53	7.02	0.13	16.5	-87.9	Clear,Small Orange Particulates	No Odor
9:10	5	175	9.43	1.41	7.11	9.66	6.46	0.14	16.5	-90.2	Clear,Small Orange Particulates	No Odor
9:15	5	175	9.43	1.64	7.11	9.73	6.42	0.13	16.5	-91.7	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

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:	Long runway in gate 1 entrance	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-42			Date	8-15-20
Project Name/Location	Ford LTP			Weather	74 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)	9.01	Total Depth (ft-bmp)	20.44	Water Column (ft.)	11.43	Gallons in Well	1.86
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.80				
Sample Time: Label	11:20	Volume Purged	1.49 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:47						
Purge End	11:25						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:48	0	200	9.19	0.00	7.16	16.12	11.40	1.57	19.0	-69.1	Clear	No Odor
10:53	5	200	9.12	0.26	7.13	16.25	0.70	0.42	19.5	-86.0	Clear,Small Black Particulates	No Odor
10:58	5	180	9.15	0.53	7.14	15.70	0.21	0.25	19.5	-99.0	Clear,Small Black Particulates	No Odor
11:03	5	180	9.15	0.77	7.15	15.43	1.59	0.17	19.0	-105.3	Clear,Small Black Particulates	No Odor
11:08	5	180	9.15	1.01	7.14	15.31	1.93	0.14	19.2	-108.0	Clear	No Odor
11:13	5	180	9.15	1.25	7.14	15.27	3.18	0.12	19.2	-111.1	Clear	No Odor
11:18	5	180	9.30	1.49	7.14	15.26	0.27	0.12	19.3	-113.9	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

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

Well Information

Well Location:	Onsite ROW	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-43			Date	8-22-20
Project Name/Location	Ford LTP			Weather	70 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)	8.40	Total Depth (ft-bmp)	21.76	Water Column (ft.)	13.36	Gallons in Well	2.17
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72				
Sample Time: Label	10:01	Volume Purged	1.56 gallons	Replicate/Code No.	MW-43-MS_082220, MW-43-MSD_082220	Sampled by	Gary Schafer
Purge Start	8:59						
Purge End	10:15						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:00	0	100	8.53	0.00	7.37	9.35	33.90	0.30	18.4	203.1	Clear,Small Orange Particulates	Faint Odor
9:05	5	100	8.53	0.13	7.45	9.39	31.70	1.12	18.5	167.8	Small Orange Particulates, Turbid	No Odor
9:10	5	100	8.53	0.26	7.47	9.46	25.20	1.05	18.8	145.8	Small Orange Particulates, Turbid	No Odor
9:15	5	100	8.53	0.39	7.49	9.49	35.00	0.90	18.6	131.6	Small Orange Particulates, Turbid	Faint Odor
9:20	5	100	8.53	0.52	7.50	9.55	28.00	0.91	18.6	121.4	Small Orange Particulates, Turbid	Faint Odor
9:25	5	100	8.53	0.65	7.51	9.60	27.60	0.36	19.0	110.5	Small Orange Particulates, Turbid	No Odor
9:30	5	100	8.53	0.78	7.52	9.69	33.70	0.46	18.8	104.2	Small Orange Particulates, Turbid	No Odor
9:35	5	100	8.53	0.91	7.52	9.69	40.00	0.45	18.8	97.4	Small Orange Particulates, Turbid	Faint Odor
9:40	5	100	8.53	1.04	7.52	9.80	41.00	0.42	18.9	88.7	Small Orange Particulates, Turbid	No Odor
9:45	5	100	8.53	1.17	7.52	9.80	39.40	0.42	18.7	79.9	Small Orange Particulates, Turbid	No Odor
9:50	5	100	8.53	1.30	7.52	9.83	44.20	0.45	18.8	76.7	Small Orange Particulates, Turbid	Faint Odor
9:55	5	100	8.53	1.43	7.52	9.90	41.20	0.42	18.7	70.8	Turbid	No Odor
10:00	5	100	8.53	1.56	7.52	9.93	40.10	0.41	18.7	64.4	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	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:	MW-43	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-44			Date	8-4-20
Project Name/Location	Ford LTP			Weather	67 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)	8.38	Total Depth (ft-bmp)	20.93	Water Column (ft.)	12.55	Gallons in Well	2.04
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.94				
Sample Time: Label	9:55	Volume Purged	1.91 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	9:20						
Purge End	10:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	250	8.49	0.00	7.36	7.87	1.03	0.32	16.4	-129.8	Clear	No Odor
9:25	5	245	8.49	0.33	7.40	7.76	4.79	0.32	16.3	-137.5	Clear	No Odor
9:30	5	270	8.49	0.52	7.42	7.63	1.10	0.16	16.2	-139.2	Clear	No Odor
9:35	5	270	8.49	0.88	7.42	7.57	1.35	0.39	16.2	-137.2	Clear	No Odor
9:40	5	270	8.49	1.24	7.42	7.55	1.02	0.15	16.2	-135.9	Clear	No Odor
9:45	5	250	8.49	1.60	7.41	7.54	1.20	0.12	16.2	-134.4	Clear	No Odor
9:50	5	250	8.49	1.91	7.40	7.55	1.15	0.12	16.1	-133.6	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

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:	Middle of test track	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-45			Date	8-7-20
Project Name/Location	Ford LTP			Weather	72 degrees F, 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)	10.40	Total Depth (ft-bmp)	19.69	Water Column (ft.)	9.29	Gallons in Well	1.51
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.89				
Sample Time: Label	11:20	Volume Purged	1.34 gallons	Replicate/Code No.	DUP-05	Sampled by	Patrick Labadie
Purge Start	10:44						
Purge End	11:35						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	180	10.40	0.00	7.26	4.25	10.70	0.46	16.4	-48.1	Small Orange Particulates	No Odor
10:50	5	165	10.45	0.24	7.36	4.07	8.50	0.32	16.4	-49.1	Small Orange Particulates	No Odor
10:55	5	165	10.45	0.46	7.32	4.03	6.75	0.33	16.2	-45.8	Small Orange Particulates	No Odor
11:00	5	165	10.45	0.68	7.27	4.10	5.47	0.32	16.3	-46.1	Small Orange Particulates	No Odor
11:05	5	165	10.45	0.90	7.24	4.17	2.63	0.23	16.3	-52.1	Clear	No Odor
11:10	5	165	10.45	1.12	7.24	4.20	2.76	0.22	16.2	-54.7	Clear	No Odor
11:15	5	165	10.45	1.34	7.22	4.27	2.02	0.21	16.3	-57.3	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
1,1-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:	In lane next to the atnpc building	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-46			Date	8-10-20
Project Name/Location	Ford LTP			Weather	82 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)	10.30	Total Depth (ft-bmp)	19.65	Water Column (ft.)	9.35	Gallons in Well	1.52
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.68				
Sample Time: Label	13:20	Volume Purged	2.56 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	12:15						
Purge End	13:30						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	150	10.30	0.00	7.75	2.78	25.00	0.72	18.0	94.2	Small Brown Particulates	No Odor
12:20	5	150	10.30	0.20	7.71	2.97	13.30	0.30	17.9	84.1	Small Brown Particulates	No Odor
12:25	5	150	10.30	0.40	7.62	4.11	8.52	0.18	17.6	57.7	Small Brown Particulates	No Odor
12:30	5	150	10.30	0.60	7.54	5.70	3.38	0.11	17.4	22.2	Small Brown Particulates	No Odor
12:35	5	170	10.30	0.80	7.47	7.26	3.12	0.08	17.1	52.3	Small Brown Particulates	No Odor
12:40	5	170	10.30	1.02	7.40	8.41	3.82	0.08	17.4	-56.0	Clear	No Odor
12:45	5	170	10.30	1.24	7.34	9.29	3.74	0.08	17.3	-61.1	Clear	No Odor
12:50	5	170	10.30	1.46	7.31	9.95	3.64	0.07	17.4	-60.3	Clear	No Odor
12:55	5	170	10.30	1.68	7.29	10.39	1.57	0.06	17.2	-57.1	Clear	No Odor
13:00	5	170	10.30	1.90	7.27	10.80	0.49	0.05	17.3	-54.0	Clear	No Odor
13:05	5	170	10.30	2.12	7.26	11.15	0.60	0.05	17.3	-51.4	Clear	No Odor
13:10	5	170	10.30	2.34	7.23	11.53	1.05	0.04	17.4	-49.0	Clear	No Odor
13:15	5	170	10.30	2.56	7.21	11.80	0.80	0.04	17.4	-47.3	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
1,1-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:	Along road between the test track and the antcp building	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-47			Date	8-10-20
Project Name/Location	Ford LTP			Weather	85 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)	10.02	Total Depth (ft-bmp)	19.97	Water Column (ft.)	9.95	Gallons in Well	1.62
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.78				
Sample Time: Label	15:15	Volume Purged	2.89 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	14:09						
Purge End	15:25						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	180	10.20	0.00	7.07	9.40	6.97	0.34	19.4	94.6	Clear	No Odor
14:15	5	180	10.20	0.25	7.06	9.58	5.42	0.20	19.0	90.4	Clear	No Odor
14:20	5	180	10.20	0.49	7.06	9.58	2.52	0.18	19.0	87.7	Clear	No Odor
14:25	5	180	10.20	0.73	7.05	9.51	1.34	0.20	18.4	71.6	Clear	No Odor
14:30	5	180	10.20	0.97	7.05	9.36	2.00	0.26	18.9	50.1	Clear	No Odor
14:35	5	180	10.20	1.21	7.04	9.44	1.50	0.23	19.0	38.6	Clear	No Odor
14:40	5	180	10.20	1.45	7.04	9.58	1.20	0.18	19.0	29.8	Clear	No Odor
14:45	5	180	10.20	1.69	7.04	9.67	1.80	0.14	18.8	22.4	Clear	No Odor
14:50	5	180	10.20	1.93	7.04	9.69	2.40	0.11	19.0	14.0	Clear	No Odor
14:55	5	180	10.20	2.17	7.04	9.72	1.50	0.09	19.2	7.3	Clear	No Odor
15:00	5	180	10.20	2.41	7.04	9.69	1.40	0.80	19.0	-0.3	Clear	No Odor
15:05	5	180	10.20	2.65	7.05	9.71	0.42	0.07	19.0	-1.8	Clear	No Odor
15:10	5	180	10.20	2.89	7.05	9.71	1.20	0.70	19.1	-5.9	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
1,1-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:	In between the test track and the atnpc building	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-48			Date	8-6-20
Project Name/Location	Ford LTP			Weather	75 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)	9.00	Total Depth (ft-bmp)	20.22	Water Column (ft.)	11.22	Gallons in Well	1.82
		Pump Intake (ft-bmp)	18.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.88				
Sample Time: Label	15:55	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	15:10						
Purge End	16:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:10	0	150	9.10	0.00	7.15	2.68	45.70	0.74	18.3	-77.0	Small Orange Particulates	No Odor
15:15	5	150	9.10	0.20	7.15	2.52	21.60	0.32	18.0	-60.1	Small Orange Particulates	No Odor
15:20	5	150	9.60	0.40	7.13	3.05	12.30	0.16	17.9	-64.1	Small Orange Particulates	No Odor
15:25	5	150	9.60	0.60	7.12	3.62	10.20	0.12	17.7	-68.3	Small Orange Particulates	No Odor
15:30	5	150	9.60	0.80	7.11	4.24	4.80	0.09	17.6	-68.3	Small Orange Particulates	No Odor
15:35	5	150	9.60	1.00	7.12	4.71	4.59	0.08	17.6	-69.0	Small Orange Particulates	No Odor
15:40	5	150	9.60	1.20	7.13	5.19	4.03	0.07	17.6	-68.9	Small Orange Particulates	No Odor
15:45	5	150	9.60	1.40	7.14	5.24	4.09	0.05	17.4	-69.0	Small Orange Particulates	No Odor
15:50	5	150	9.60	1.60	7.15	5.28	4.20	0.06	17.7	-69.4	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

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 parking lot in between the test track and the atnpc building	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-49			Date	8-5-20
Project Name/Location	Ford LTP			Weather	70 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.5-17.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.19	Total Depth (ft-bmp)	17.01	Water Column (ft.)	10.82	Gallons in Well	1.76
		Pump Intake (ft-bmp)	15.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.63				
Sample Time: Label	11:45	Volume Purged	1.11 gallons	Replicate/Code No.	DUP-03	Sampled by	Patrick Labadie
Purge Start	11:10						
Purge End	12:10						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	160	6.40	0.00	8.55	1.34	13.40	1.22	18.3	82.3	Small Orange Particulates	No Odor
11:15	5	160	6.40	0.22	8.23	1.67	10.10	0.83	18.3	42.8	Small Orange Particulates	No Odor
11:20	5	160	6.40	0.44	8.00	1.92	11.50	0.73	17.9	-51.3	Small Orange Particulates	No Odor
11:25	5	115	6.42	0.66	7.59	2.26	4.56	0.46	18.6	-96.5	Small Orange Particulates	No Odor
11:30	5	115	6.42	0.81	7.53	2.28	3.43	0.35	18.6	-97.0	Small Orange Particulates	No Odor
11:35	5	115	6.42	0.96	7.50	2.28	3.20	0.30	18.5	-98.0	Clear	No Odor
11:40	5	115	6.42	1.11	7.46	2.28	3.20	0.21	18.4	-100.7	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
VOCs	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:	SW parking lot next to test track	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-50			Date	8-6-20
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	Well Material	PVC
Static Water Level (ft-bmp)	7.45	Total Depth (ft-bmp)	18.84	Water Column (ft.)	11.35	Gallons in Well	1.84
		Pump Intake (ft-bmp)	17.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.12				
Sample Time: Label	12:00	Volume Purged	2.07 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	11:00						
Purge End	12:07						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	130	7.45	0.00	7.01	1.99	19.70	0.79	17.0	-58.2	Small Black Particulates	No Odor
11:10	5	160	7.71	0.18	6.90	2.83	3.49	0.51	16.7	-56.7	Small Black Particulates	No Odor
11:15	5	160	7.71	0.39	6.89	3.01	3.49	0.41	16.8	-55.7	Small Black Particulates	No Odor
11:20	5	160	7.71	0.60	6.88	3.34	2.27	0.34	16.6	-53.6	Small Black Particulates	No Odor
11:25	5	160	7.71	0.81	6.88	3.43	1.99	0.39	16.9	-52.4	Clear	No Odor
11:30	5	160	7.71	1.02	6.87	3.61	2.26	0.26	16.8	-50.6	Clear	No Odor
11:35	5	160	7.71	1.23	6.87	3.69	3.20	0.30	16.8	-49.1	Clear	No Odor
11:40	5	160	7.71	1.44	6.87	3.82	3.23	0.24	16.8	-47.8	Clear	No Odor
11:45	5	160	7.71	1.65	6.87	3.88	1.71	0.16	16.7	-46.8	Clear	No Odor
11:50	5	160	7.71	1.86	6.87	3.89	1.05	0.14	16.6	-46.0	Clear	No Odor
11:55	5	160	7.71	2.07	6.87	3.89	1.50	0.09	16.6	-45.0	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
VOCs	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:	Alley between test track and atnpc building	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-51			Date	8-5-20
Project Name/Location	Ford LTP			Weather	32 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)	7.20	Total Depth (ft-bmp)	18.89	Water Column (ft.)	11.69	Gallons in Well	1.90
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.74				
Sample Time: Label	10:10	Volume Purged	1.41 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	9:29						
Purge End	10:20						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	160	7.30	0.00	7.34	2.35	3.31	9.74	14.8	124.3	Clear,Small Orange Particulates	No Odor
9:35	5	150	7.30	0.21	7.41	2.33	3.85	8.88	14.8	95.5	Clear	No Odor
9:40	5	150	7.30	0.41	7.49	2.05	1.08	6.91	14.9	-4.8	Clear	No Odor
9:45	5	150	7.30	0.61	7.50	1.91	1.02	6.87	14.9	-18.6	Clear	No Odor
9:50	5	150	7.30	0.81	7.50	1.74	1.00	6.26	14.8	-36.2	Clear	No Odor
9:55	5	150	7.30	1.01	7.51	1.57	0.50	5.25	15.0	-55.2	Clear	No Odor
10:00	5	150	7.30	1.21	7.51	1.59	0.22	5.53	15.0	-55.7	Clear	No Odor
10:05	5	150	7.30	1.41	7.51	1.59	0.32	5.60	15.1	-58.3	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
VOCs	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:	Next to water tank near test track	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-52			Date	8-22-20
Project Name/Location	Ford LTP			Weather	79 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)	8.50	Total Depth (ft-bmp)	19.42	Water Column (ft.)	10.92	Gallons in Well	1.77
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.88				
Sample Time: Label	11:56	Volume Purged	1.56 gallons	Replicate/Code No.	MW-52-MS_082220, MW-52-MSD_082220	Sampled by	Gary Schafer
Purge Start	10:54						
Purge End	12:06						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	100	8.50	0.00	7.47	8.52	17.30	0.78	19.4	139.0	Clear	No Odor
11:00	5	100	8.50	0.13	7.46	8.50	14.70	0.34	19.5	118.7	Clear	No Odor
11:05	5	100	8.55	0.26	7.47	8.66	9.55	0.22	18.7	101.1	Clear	No Odor
11:10	5	100	8.55	0.39	7.48	8.67	7.83	0.20	18.7	91.8	Clear	No Odor
11:15	5	100	8.55	0.52	7.49	8.69	6.00	0.16	18.6	81.8	Clear	No Odor
11:20	5	100	8.55	0.65	7.49	8.68	5.87	0.15	18.7	73.9	Clear	No Odor
11:25	5	100	8.55	0.78	7.49	8.66	6.69	0.15	18.6	63.1	Clear	No Odor
11:30	5	100	8.55	0.91	7.49	8.65	6.45	0.12	18.7	60.0	Clear	No Odor
11:35	5	100	8.55	1.04	7.51	8.64	7.35	0.13	18.9	53.6	Clear	No Odor
11:40	5	100	8.55	1.17	7.51	8.63	8.04	0.13	18.9	47.8	Clear	No Odor
11:45	5	100	8.55	1.30	7.51	8.62	10.80	0.13	18.9	43.3	Clear	No Odor
11:50	5	100	8.55	1.43	7.51	8.60	6.90	0.12	18.9	37.9	Clear	No Odor
11:55	5	100	8.55	1.56	7.50	8.60	7.29	0.12	18.9	36.0	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	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:	MW-52	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-53			Date	8-11-20
Project Name/Location	Ford LTP			Weather	72 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)	7.66	Total Depth (ft-bmp)	20.81	Water Column (ft.)	13.15	Gallons in Well	2.14
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.73				
Sample Time: Label	9:50	Volume Purged	1.56 gallons	Replicate/Code No.	MW-53-MS_081120, MW-53-MSD_081120	Sampled by	Patrick Labadie
Purge Start	9:15						
Purge End	10:13						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	200	7.70	0.00	7.23	6.42	9.04	0.61	16.0	-9.4	Small White Particulates	No Odor
9:20	5	200	7.70	0.26	7.26	6.45	6.08	0.53	15.9	-29.6	Small White Particulates	No Odor
9:25	5	200	7.70	0.52	7.28	6.43	6.42	0.34	15.8	-36.5	Small White Particulates	No Odor
9:30	5	200	7.70	0.78	7.30	6.31	2.83	0.20	15.9	-41.2	Small White Particulates	No Odor
9:35	5	200	7.70	1.04	7.31	6.24	1.42	0.19	15.8	-43.0	Small White Particulates	No Odor
9:40	5	200	7.70	1.30	7.31	6.16	1.35	0.17	15.7	-43.8	Clear	No Odor
9:45	5	200	7.70	1.56	7.31	6.16	1.20	0.16	15.7	-43.8	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	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:	NE corner of ford site	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-54			Date	8-11-20
Project Name/Location	Ford LTP			Weather	86 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)	7.90	Total Depth (ft-bmp)	21.00	Water Column (ft.)	13.10	Gallons in Well	2.13
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.60				
Sample Time: Label	16:55	Volume Purged	1.28 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	16:19						
Purge End	17:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:20	0	200	8.20	0.00	7.19	10.91	6.91	0.88	15.6	-87.8	Clear	No Odor
16:25	5	160	8.30	0.26	7.24	16.90	8.99	0.24	15.2	-97.9	Clear	No Odor
16:30	5	150	8.30	0.48	7.25	10.83	8.05	0.20	15.1	-99.3	Clear	No Odor
16:35	5	150	8.30	0.68	7.26	10.81	5.58	0.14	15.1	-100.8	Clear	No Odor
16:40	5	150	8.30	0.88	7.26	10.86	3.32	0.10	15.0	-101.8	Clear	No Odor
16:45	5	150	8.30	1.08	7.26	10.88	2.50	0.08	14.9	-102.2	Clear	No Odor
16:50	5	150	8.30	1.28	7.27	10.99	1.50	0.06	15.0	-102.2	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
1,1-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:	NE corner of lot	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-54S			Date	8-11-20
Project Name/Location	Ford LTP			Weather	86 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.89	Total Depth (ft-bmp)	9.28	Water Column (ft.)	2.39	Gallons in Well	0.39
		Pump Intake (ft-bmp)	7.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.44				
Sample Time: Label	15:50	Volume Purged	0.17 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	15:00						
Purge End	16:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:00	0	130	7.40	0.00	7.39	0.44	68.90	1.68	19.2	71.4	Cloudy	No Odor
15:05	5	125	7.50	0.17	7.38	0.41	50.00	2.13	19.6	48.7	Cloudy	No Odor
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ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-55			Date	8-11-20
Project Name/Location	Ford LTP			Weather	81 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)	8.43	Total Depth (ft-bmp)	19.72	Water Column (ft.)	11.29	Gallons in Well	1.83
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72				
Sample Time: Label	12:15	Volume Purged	1.32 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	11:45						
Purge End	12:30						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	165	8.50	0.00	7.28	9.25	0.96	0.70	18.7	-86.7	Clear,Yellow	Slight Odor
11:50	5	165	8.50	0.22	7.32	9.19	0.74	0.45	18.5	-101.7	Clear,Yellow	No Odor
11:55	5	165	8.50	0.44	7.35	9.09	3.59	0.19	19.0	-112.7	Clear,Small Brown Particulates,Yellow	No Odor
12:00	5	165	8.50	0.66	7.37	9.20	3.07	0.17	18.6	-115.3	Clear,Small Brown Particulates,Yellow	No Odor
12:05	5	165	8.45	0.88	7.39	9.56	2.33	0.12	19.0	-117.6	Clear	No Odor
12:10	5	165	8.45	1.10	7.40	9.57	2.50	0.09	19.2	-117.4	Clear	No Odor
12:15	5	165	8.45	1.32	7.41	9.66	1.50	0.08	19.2	-117.1	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

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:	North road of plant on shoulder	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-55D			Date	8-11-20
Project Name/Location	Ford LTP			Weather	81 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.52	Total Depth (ft-bmp)	23.50	Water Column (ft.)	14.98	Gallons in Well	2.43
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.81				
Sample Time: Label	13:45	Volume Purged	1.97 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	12:39						
Purge End	13:50						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	100	8.57	0.00	7.29	6.78	238.00	2.33	19.3	-121.5	Cloudy	Slight Odor
12:45	5	115	8.57	0.14	7.25	6.77	926.00	0.16	18.9	-115.2	Cloudy	Slight Odor
12:50	5	125	5.58	0.29	7.26	6.73	572.00	0.09	18.1	-106.1	Cloudy	Slight Odor
12:55	5	125	8.83	0.46	7.26	0.74	651.00	0.13	17.9	-110.2	Cloudy	Slight Odor
13:00	5	125	8.88	0.63	7.27	6.50	661.00	0.13	18.2	-115.3	Cloudy	Slight Odor
13:05	5	125	8.85	0.80	7.28	6.50	943.00	0.05	17.8	-109.4	Cloudy	No Odor
13:10	5	125	8.85	0.97	7.26	6.72	635.00	0.09	18.2	-112.1	Cloudy	Slight Odor
13:15	5	125	8.85	1.14	7.25	6.72	298.00	0.06	18.2	-110.0	Cloudy	Faint Odor
13:20	5	125	8.85	1.31	7.26	6.76	185.00	0.04	17.9	-110.8	Cloudy	Faint Odor
13:40	20	125	8.85	1.97	7.25	6.94	16.00	1.60	17.9	-108.6	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

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:	North side of plant on shoulder	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-56			Date	8-12-20
Project Name/Location	Ford LTP			Weather	71 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)	7.70	Total Depth (ft-bmp)	20.32	Water Column (ft.)	12.62	Gallons in Well	2.05
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.64				
Sample Time: Label	10:15	Volume Purged	1.32 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	9:40						
Purge End	10:22						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	170	7.98	0.00	6.91	23.88	4.14	0.52	16.7	-53.8	Clear,Yellow	No Odor
9:45	5	170	7.98	0.22	7.02	22.96	5.53	0.40	16.6	-78.4	Clear,Yellow	No Odor
9:50	5	170	7.95	0.44	7.08	22.39	3.57	0.33	16.5	-89.3	Clear,Yellow	No Odor
9:55	5	170	7.98	0.66	7.10	22.06	3.04	0.21	16.6	-95.8	Clear,Yellow	No Odor
10:00	5	170	7.95	0.88	7.11	21.93	1.45	0.18	16.4	-99.0	Clear,Yellow	No Odor
10:05	5	170	7.98	1.10	7.12	22.01	1.50	0.21	16.5	-102.2	Clear,Yellow	No Odor
10:10	5	170	7.98	1.32	7.13	22.10	1.20	0.10	16.4	-104.6	Clear,Yellow	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

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:	North edge of lot on shoulder	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-57			Date	8-12-20
Project Name/Location	Ford LTP			Weather	79 degrees F, Mostly 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)	7.45	Total Depth (ft-bmp)	21.66	Water Column (ft.)	14.21	Gallons in Well	2.31
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.13				
Sample Time: Label	14:00	Volume Purged	2.6 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	13:00						
Purge End	14:20						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	135	7.45	0.00	8.44	10.42	23.80	0.79	18.7	-64.7	Clear,Small White Particulates	No Odor
13:05	5	170	8.85	0.18	9.28	7.82	17.00	1.59	18.9	-52.1	Small White Particulates	No Odor
13:10	5	170	9.00	0.40	9.77	8.48	18.60	1.27	18.6	-32.3	Small White Particulates	No Odor
13:15	5	170	9.21	0.62	9.16	9.30	9.51	0.94	18.7	-15.4	Clear	No Odor
13:20	5	170	9.30	0.84	8.64	9.94	7.01	0.65	18.4	-106.0	Clear	No Odor
13:25	5	170	9.45	1.06	8.56	10.04	8.60	0.67	18.1	-164.2	Clear	No Odor
13:30	5	170	9.60	1.28	8.54	10.09	8.46	0.64	17.9	-186.1	Small White Particulates	No Odor
13:35	5	170	9.60	1.50	8.22	10.39	8.13	0.40	18.0	-192.0	Clear,Small White Particulates	No Odor
13:40	5	170	9.60	1.72	7.71	10.69	3.29	0.27	18.4	-151.0	Clear	No Odor
13:45	5	170	9.40	1.94	7.54	10.74	4.11	0.23	18.5	-133.7	Clear	No Odor
13:50	5	170	9.50	2.16	7.45	10.80	3.60	0.25	18.2	-127.5	Clear	No Odor
13:55	5	170	9.50	2.38	7.42	10.78	2.80	0.21	18.0	-125.1	Clear	No Odor
14:00	5	170	9.50	2.60	7.39	10.75	2.50	0.21	18.4	-123.5	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

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:	South end of parking lot north of test track	Well Locked at Arrival:	no
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-58			Date	8-12-20
Project Name/Location	Ford LTP			Weather	84 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)	5.15	Total Depth (ft-bmp)	20.00	Water Column (ft.)	14.85	Gallons in Well	2.41
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97				
Sample Time: Label	15:50	Volume Purged	2.34 gallons	Replicate/Code No.	MW-58-MS_081220, MW-58-MSD_081220	Sampled by	Patrick Labadie
Purge Start	14:59						
Purge End	16:15						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:00	0	200	5.15	0.00	6.96	15.34	179.00	0.62	19.7	-108.8	Small Orange Particulates	No Odor
15:05	5	200	5.35	0.26	7.00	13.11	105.00	0.28	19.6	-109.1	Small Orange Particulates	No Odor
15:10	5	200	5.35	0.52	7.01	11.47	52.00	0.14	19.7	-108.3	Small Orange Particulates	No Odor
15:15	5	200	5.35	0.78	7.01	11.66	31.40	0.09	19.4	-10.8	Small Orange Particulates	No Odor
15:20	5	200	5.35	1.04	7.01	11.80	25.10	0.08	19.7	-107.7	Small Orange Particulates	No Odor
15:25	5	200	5.35	1.30	7.02	11.87	22.20	0.05	19.2	-107.6	Small Orange Particulates	No Odor
15:30	5	200	5.35	1.56	7.02	11.91	17.60	0.04	19.6	-107.9	Small Orange Particulates	No Odor
15:35	5	200	5.35	1.82	7.03	12.00	12.30	0.04	19.3	-108.0	Small Orange Particulates	No Odor
15:40	5	200	5.35	2.08	7.03	12.00	12.00	0.03	19.5	-108.2	Small Orange Particulates	No Odor
15:45	5	200	5.35	2.34	7.04	12.08	11.50	0.03	19.4	-108.3	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 The Vault is intact and but the lid is broken

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:	South end of parking lot north of test track	Well Locked at Arrival:	no
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-62			Date	8-6-20
Project Name/Location	Ford LTP			Weather	63 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)	6.35	Total Depth (ft-bmp)	21.12	Water Column (ft.)	14.77	Gallons in Well	2.40
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.53				
Sample Time: Label	9:45	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	9:05						
Purge End	9:50						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:10	0	145	6.35	0.00	7.11	4.96	1.43	0.38	18.6	-118.3	Clear	No Odor
9:15	5	145	6.35	0.19	7.13	4.87	1.95	0.24	18.7	-123.1	Clear	No Odor
9:20	5	165	6.35	0.38	7.14	4.83	1.08	0.16	18.5	-126.1	Clear	No Odor
9:25	5	165	6.35	0.60	7.10	4.78	1.39	0.13	18.5	-123.7	Clear	No Odor
9:30	5	165	6.35	0.82	7.08	4.71	1.35	0.10	18.7	-122.7	Clear	No Odor
9:35	5	165	6.35	1.04	7.08	4.67	1.25	0.09	18.7	-122.7	Clear	No Odor
9:40	5	165	6.35	1.26	7.07	4.63	1.75	0.08	18.7	-122.4	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
1,1-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:	Drum storage area at north end of alley between the test track and atnpc building	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-63			Date	8-6-20
Project Name/Location	Ford LTP			Weather	75 degrees F, Partly 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)	7.45	Total Depth (ft-bmp)	11.78	Water Column (ft.)	4.33	Gallons in Well	0.70
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.31				
Sample Time: Label	14:15	Volume Purged	3.02 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	13:10						
Purge End	14:30						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	150	7.50	0.00	7.28	2.82	0.70	0.32	20.6	86.6	Clear	No Odor
13:20	5	150	7.51	0.20	7.29	2.79	1.80	0.13	20.3	82.9	Clear	No Odor
13:25	5	200	7.51	0.40	7.30	2.79	0.68	0.09	20.5	77.8	Clear	No Odor
13:30	5	200	7.54	0.66	7.30	2.79	0.60	0.08	20.5	75.2	Clear	No Odor
13:35	5	200	7.54	0.94	7.30	2.79	0.14	0.07	20.5	67.3	Clear	No Odor
13:40	5	200	7.56	1.20	7.30	2.78	0.18	0.09	20.3	59.9	Clear	No Odor
13:45	5	200	7.56	1.46	7.30	2.78	0.02	0.06	20.4	44.9	Clear	No Odor
13:50	5	200	7.56	1.72	7.30	2.78	0.12	0.06	20.3	25.3	Clear	No Odor
13:55	5	200	7.56	1.98	7.30	2.79	0.10	0.05	20.3	2.2	Clear	No Odor
14:00	5	200	7.56	2.24	7.30	2.79	0.12	0.05	20.4	-14.3	Clear	No Odor
14:05	5	200	7.56	2.50	7.30	2.78	0.40	0.05	20.4	-24.4	Clear	No Odor
14:10	5	200	7.56	2.76	7.30	2.79	0.18	0.05	20.4	-30.0	Clear	No Odor
14:15	5	200	7.56	3.02	7.30	2.79	0.15	0.05	20.3	-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
1,1-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:	The alley between the test track and atnpc building	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-64			Date	8-5-20
Project Name/Location	Ford LTP			Weather	76 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)	9.35	Total Depth (ft-bmp)	20.05	Water Column (ft.)	10.70	Gallons in Well	1.74
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	28.18				
Sample Time: Label	14:05	Volume Purged	49.04 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	13:29						
Purge End	14:10						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	250	9.40	0.00	6.97	6.31	1.78	0.38	17.4	105.0	Clear	No Odor
13:35	5	190	9.40	47.88	6.98	6.22	3.84	0.28	17.6	85.5	Clear	No Odor
13:40	5	180	9.40	48.13	6.99	6.19	3.20	0.23	17.0	73.7	Clear	No Odor
13:45	5	165	9.40	48.38	6.99	6.07	0.72	0.15	16.7	58.3	Clear	No Odor
13:50	5	165	9.40	48.60	7.00	6.05	4.20	0.18	17.7	47.2	Clear	No Odor
13:55	5	165	9.40	48.82	7.01	6.06	1.63	0.17	17.5	42.8	Clear	No Odor
14:00	5	165	9.40	49.04	7.00	5.99	1.50	0.16	18.0	38.0	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

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

Well Information

Well Location:	Parking lot next to ants building	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-65			Date	8-3-20
Project Name/Location	Ford LTP			Weather	79 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)	9.05	Total Depth (ft-bmp)	21.09	Water Column (ft.)	12.04	Gallons in Well	1.96
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.61				
Sample Time: Label	14:15	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	13:34						
Purge End	14:30						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	125	9.05	0.00	7.34	4.25	7.63	3.06	14.8	-105.6	Clear	No Odor
13:45	5	125	9.10	0.17	7.34	4.26	5.66	2.90	14.8	-107.4	Clear	No Odor
13:50	5	125	9.10	0.34	7.33	4.23	3.46	1.60	15.0	-109.0	Clear	No Odor
13:55	5	125	9.10	0.51	7.33	4.22	2.71	1.20	14.9	-109.8	Clear	No Odor
14:00	5	125	9.10	0.68	7.33	4.16	1.91	0.08	14.9	-110.2	Clear	No Odor
14:05	5	125	9.10	0.85	7.33	4.13	2.16	0.08	15.0	-110.3	Clear	No Odor
14:10	5	125	9.10	1.02	7.33	4.11	2.00	0.06	15.0	-110.8	Clear	No Odor
14:15	5	125	9.10	1.19	7.33	4.09	2.01	0.06	14.9	-110.9	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
1,1-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:	NE section of test track	Well Locked at Arrival:	no
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-66			Date	8-3-20
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	Well Material	PVC
Static Water Level (ft-bmp)	7.15	Total Depth (ft-bmp)	19.01	Water Column (ft.)	11.86	Gallons in Well	1.93
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.01				
Sample Time: Label	16:45	Volume Purged	1.94 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	16:05						
Purge End	16:55						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:10	0	160	7.26	0.00	7.53	4.20	48.70	0.35	17.4	-148.3	Clear	No Odor
16:15	5	215	7.27	0.22	7.54	4.18	42.90	0.19	17.4	-147.2	Clear	No Odor
16:20	5	215	7.27	0.50	7.53	4.19	40.00	0.15	17.1	-143.1	Clear	No Odor
16:25	5	215	7.27	0.78	7.52	4.17	32.10	0.12	16.8	-142.1	Clear	No Odor
16:30	5	215	7.27	1.07	7.52	4.18	28.60	0.10	16.8	-138.4	Clear	No Odor
16:35	5	215	7.27	1.36	7.51	4.17	33.60	0.12	16.7	-131.4	Clear	No Odor
16:40	5	215	7.27	1.65	7.51	4.17	32.70	0.10	16.6	-130.6	Clear	No Odor
16:45	5	215	7.27	1.94	7.51	4.17	30.90	0.11	16.7	-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
1,1-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:	NE area of race track	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-67			Date	8-7-20
Project Name/Location	Ford LTP			Weather	75 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.48	Total Depth (ft-bmp)	14.01	Water Column (ft.)	4.53	Gallons in Well	0.74
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.77				
Sample Time: Label	12:46	Volume Purged	1.31 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	12:10						
Purge End	12:51						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	180	9.48	0.00	7.07	4.45	3.06	0.58	19.8	67.6	Clear	No Odor
12:15	5	210	9.49	0.25	7.05	4.44	2.82	0.42	19.6	34.0	Clear	No Odor
12:20	5	145	9.49	0.53	7.04	4.44	1.90	0.35	19.4	21.9	Clear	No Odor
12:25	5	145	9.49	0.72	7.04	4.44	1.50	0.30	19.3	19.3	Clear	No Odor
12:30	5	150	9.49	0.91	7.03	4.45	1.02	0.21	19.2	14.2	Clear	No Odor
12:35	5	150	9.49	1.11	7.03	4.45	2.00	0.28	19.6	15.5	Clear	No Odor
12:40	5	150	9.49	1.31	7.03	4.46	1.60	0.31	19.5	16.8	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

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:	Test track parking lot in between the test track and atnpc building	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-68			Date	8-10-20
Project Name/Location	Ford LTP			Weather	87 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)	9.30	Total Depth (ft-bmp)	19.80	Water Column (ft.)	10.50	Gallons in Well	1.71
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.91				
Sample Time: Label	16:55	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	16:14						
Purge End	17:05						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:20	0	200	9.38	0.00	6.82	12.34	5.97	0.13	18.9	80.4	Clear	No Odor
16:25	5	200	9.38	0.26	6.83	12.36	6.88	0.13	19.1	78.9	Clear	No Odor
16:30	5	200	9.38	0.52	6.83	12.39	0.02	0.10	19.0	78.1	Clear	No Odor
16:35	5	200	9.38	0.78	6.84	12.41	0.28	0.09	18.8	77.0	Clear	No Odor
16:40	5	200	9.38	1.04	6.84	12.42	0.50	0.06	19.0	74.7	Clear	No Odor
16:45	5	200	9.38	1.30	6.84	12.44	0.48	0.06	19.0	73.8	Clear	No Odor
16:50	5	200	9.38	1.56	6.84	12.45	0.50	0.05	18.8	73.8	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

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

Well Information

Well Location:	In between the test track and the atnpc building	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-69			Date	8-5-20
Project Name/Location	Ford LTP			Weather	77 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)	9.30	Total Depth (ft-bmp)	19.09	Water Column (ft.)	9.79	Gallons in Well	1.59
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.76				
Sample Time: Label	15:35	Volume Purged	1.21 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	14:58						
Purge End	15:38						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:00	0	150	9.35	0.00	6.94	14.38	4.62	0.34	17.4	-120.2	Clear	No Odor
15:05	5	150	9.35	0.21	6.95	14.38	2.83	0.24	17.3	-116.7	Clear	No Odor
15:10	5	150	9.35	0.41	6.96	14.30	4.14	0.15	17.1	-115.5	Clear	No Odor
15:15	5	150	9.35	0.61	6.97	14.11	4.14	0.11	17.0	-114.7	Clear	No Odor
15:20	5	150	9.35	0.81	6.98	13.41	3.07	0.08	17.0	-114.6	Clear	No Odor
15:25	5	150	9.35	1.01	6.98	13.52	3.68	0.08	17.0	-114.5	Clear	No Odor
15:30	5	150	9.30	1.21	6.99	13.27	3.01	0.08	17.0	-114.2	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
1,1-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* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Parking lot next to exit 5 of the atnpc building	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-70			Date	8-10-20
Project Name/Location	Ford LTP			Weather	76 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)	10.89	Total Depth (ft-bmp)	20.12	Water Column (ft.)	9.23	Gallons in Well	1.50
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.79				
Sample Time: Label	10:55	Volume Purged	1.18 gallons	Replicate/Code No.	DUP-04	Sampled by	Patrick Labadie
Purge Start	10:20						
Purge End	11:09						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	150	10.89	0.00	6.77	9.62	8.90	0.46	18.2	-43.7	Small Black Particulates	No Odor
10:25	5	150	10.89	0.20	6.81	9.59	8.86	0.31	17.9	-50.0	Small Black Particulates	No Odor
10:30	5	150	10.99	0.40	6.87	9.32	3.89	0.18	18.2	-59.8	Small Black Particulates	No Odor
10:35	5	150	10.98	0.58	6.86	9.26	1.78	0.16	18.0	-60.6	Small Black Particulates	No Odor
10:40	5	160	10.98	0.76	6.86	9.28	1.32	0.12	18.0	-59.7	Small Black Particulates	No Odor
10:45	5	160	10.98	0.97	6.85	9.33	0.40	0.09	18.0	-58.3	Clear	No Odor
10:50	5	160	10.98	1.18	6.86	9.39	1.91	0.09	18.0	-57.9	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
1,1-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:	South end of ally between antcp building and test track	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-71			Date	8-7-20
Project Name/Location	Ford LTP			Weather	63 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)	11.41	Total Depth (ft-bmp)	20.16	Water Column (ft.)	8.75	Gallons in Well	1.42
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.91				
Sample Time: Label	9:55	Volume Purged	1.29 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	9:20						
Purge End	10:06						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	145	11.62	0.00	6.93	17.09	21.10	0.87	18.4	-63.8	Clear	No Odor
9:25	5	175	11.80	0.19	7.03	17.06	12.90	0.28	17.8	-86.2	Small Orange Particulates	No Odor
9:30	5	150	11.71	0.42	7.04	16.71	7.95	0.25	18.2	-88.3	Clear	No Odor
9:35	5	160	11.69	0.63	7.05	17.03	4.81	0.34	18.2	-92.2	Clear	No Odor
9:40	5	160	11.69	0.85	7.05	17.07	4.68	0.29	18.2	-92.9	Small Orange Particulates	No Odor
9:45	5	160	11.69	1.07	7.06	17.11	4.96	0.17	18.2	-93.7	Small Orange Particulates	No Odor
9:50	5	160	11.69	1.29	7.06	17.11	4.89	0.14	18.2	-94.2	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

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

Well Information

Well Location:	Parking lot in front of atnpc building	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-113			Date	8-18-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.75	Total Depth (ft-bmp)	9.55	Water Column (ft.)	4.80	Gallons in Well	0.78
		Pump Intake (ft-bmp)	7.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.67				
Sample Time: Label	13:25	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	12:49						
Purge End	13:30						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	160	4.77	0.00	7.04	3.62	2.46	0.46	22.7	22.3	Clear	No Odor
12:55	5	160	4.77	0.21	7.02	3.53	0.64	0.27	21.9	-16.5	Clear	No Odor
13:00	5	170	4.77	0.42	7.03	3.44	0.50	0.18	21.8	-48.5	Clear	No Odor
13:05	5	170	4.77	0.64	7.03	3.38	0.60	0.18	21.8	-55.8	Clear	No Odor
13:10	5	170	4.77	0.86	7.03	3.32	0.45	0.07	21.7	-58.5	Clear	No Odor
13:15	5	170	4.77	1.08	7.03	3.32	0.58	0.06	21.7	-59.2	Clear	No Odor
13:20	5	170	4.77	1.30	7.03	3.30	0.65	0.05	21.7	-60.0	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

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:	By emergency response point 11	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-120			Date	8-22-20
Project Name/Location	Ford LTP			Weather	84 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)	6.30	Total Depth (ft-bmp)	11.72	Water Column (ft.)	5.42	Gallons in Well	0.88
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.18				
Sample Time: Label	13:16	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:34						
Purge End	13:23						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	100	6.30	0.00	7.70	0.89	10.50	0.86	20.4	51.8	Turbid	No Odor
12:40	5	100	6.33	0.13	7.48	0.87	7.29	0.45	20.1	59.3	Clear	No Odor
12:45	5	100	6.33	0.26	7.20	0.80	8.26	0.25	19.8	81.2	Clear	No Odor
12:50	5	100	6.33	0.39	7.20	0.79	7.54	0.20	19.8	105.4	Clear	No Odor
12:55	5	100	6.33	0.52	7.21	0.81	6.30	0.19	19.8	97.0	Clear	No Odor
13:00	5	100	6.33	0.65	7.21	0.84	5.79	0.19	19.7	82.0	Clear	No Odor
13:05	5	100	6.33	0.78	7.22	0.85	4.73	0.22	19.8	79.9	Clear	No Odor
13:10	5	100	6.33	0.91	7.28	0.86	3.96	0.21	20.3	78.5	Clear	No Odor
13:15	5	100	6.33	1.04	7.29	0.87	3.82	0.21	20.3	79.4	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
1,1-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-120	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-122			Date	8-12-20
Project Name/Location	Ford LTP			Weather	76 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.20	Total Depth (ft-bmp)	20.00	Water Column (ft.)	10.80	Gallons in Well	1.75
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.13				
Sample Time: Label	11:50	Volume Purged	1.98 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	11:00						
Purge End	12:05						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	165	9.40	0.00	7.27	10.84	5.36	0.59	17.3	-99.4	Clear,Small Red Particulates	No Odor
11:05	5	120	9.35	0.22	7.22	9.07	7.16	0.27	17.6	-108.3	Clear	No Odor
11:15	10	145	9.35	0.54	7.22	8.36	8.16	0.80	17.5	-109.9	Clear	No Odor
11:20	5	190	9.35	0.73	7.24	8.36	5.79	0.66	17.5	-110.7	Small White Particulates	No Odor
11:25	5	190	9.38	0.98	7.23	8.58	4.54	0.86	17.4	-111.1	Clear	No Odor
11:30	5	190	9.95	1.23	7.23	8.79	4.53	0.60	17.2	-111.6	Clear	No Odor
11:35	5	190	9.38	1.48	7.24	9.01	3.01	0.28	17.4	-112.4	Clear	No Odor
11:40	5	190	9.38	1.73	7.24	9.18	2.48	0.24	17.3	-113.1	Clear	No Odor
11:45	5	190	9.38	1.98	7.25	9.23	2.10	0.22	17.1	-113.7	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
1,1-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:	NE corner of lot	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-124			Date	8-27-20
Project Name/Location	Ford LTP			Weather	92 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.85	Total Depth (ft-bmp)	9.60	Water Column (ft.)	7.75	Gallons in Well	1.26
		Pump Intake (ft-bmp)	7.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44				
Sample Time: Label	16:50	Volume Purged	1.82 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	16:03						
Purge End	16:55						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:05	0	200	1.89	0.00	6.98	0.97	48.50	3.60	19.9	-54.5	Small Orange Particulates	No Odor
16:10	5	200	1.80	0.26	6.99	0.96	24.50	0.28	19.8	-64.4	Small Orange Particulates	No Odor
16:15	5	200	1.89	0.52	6.99	0.95	18.60	0.14	20.0	-69.0	Small Orange Particulates	No Odor
16:20	5	200	1.89	0.78	6.99	0.95	12.30	0.80	20.0	-73.7	Small Orange Particulates	No Odor
16:25	5	200	1.89	1.04	7.00	0.94	9.23	0.04	20.1	-76.4	Clear	No Odor
16:30	5	200	1.89	1.30	7.01	0.93	4.96	0.02	20.0	-80.0	Clear,Small White Particulates	No Odor
16:35	5	200	1.89	1.56	7.01	0.93	4.86	0.02	20.0	-80.3	Small White Particulates	No Odor
16:40	5	200	1.89	1.82	7.02	0.93	4.88	0.01	20.0	-81.5	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

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:	North end of the plant near the loading dock	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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-194			Date	8-12-20
Project Name/Location	Ford LTP			Weather	84 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)	2.40	Total Depth (ft-bmp)	16.10	Water Column (ft.)	13.70	Gallons in Well	2.23
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.01				
Sample Time: Label	16:06	Volume Purged	2.26 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	15:05						
Purge End	16:11						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:08	0	150	2.70	0.00	7.17	2.90	11.10	0.50	19.5	-11.3	Clear,Small White Particulates	No Odor
15:13	5	150	2.55	0.20	7.35	2.86	8.42	0.21	18.1	-48.0	Clear	No Odor
15:18	5	150	2.55	0.40	7.35	2.84	6.46	0.20	18.1	-74.5	Clear	Faint Odor,No Odor
15:23	5	150	2.55	0.60	7.35	2.82	6.19	0.17	18.2	-91.7	Clear,Small White Particulates	No Odor
15:28	5	175	2.60	0.80	7.36	2.83	5.16	0.10	17.7	-102.4	Clear,Small White Particulates	No Odor
15:33	5	150	2.60	1.03	7.38	2.82	3.47	0.11	17.2	-107.0	Clear,Small White Particulates	No Odor
15:38	5	150	2.60	1.23	7.37	2.81	6.57	0.11	17.5	-109.8	Clear,Small White Particulates	No Odor
15:43	5	150	2.60	1.43	7.35	2.80	3.60	0.10	17.1	-112.9	Clear	No Odor
15:48	5	175	2.60	1.63	7.35	2.67	5.47	0.07	17.0	-115.3	Clear	No Odor
15:53	5	150	2.60	1.86	7.38	2.74	2.32	0.06	16.6	-117.3	Clear	No Odor
15:58	5	150	2.60	2.06	7.39	2.72	1.50	0.06	16.6	-118.8	Clear	No Odor
16:03	5	150	2.60	2.26	7.37	2.74	1.66	0.07	17.0	-119.4	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 Bolts were completely unscrewed upon arrival

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 fence along Levan, south of MW-194S	Well Locked at Arrival:	no
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-194S			Date	8-13-20
Project Name/Location	Ford LTP			Weather		68°F and sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.59	Total Depth (ft-bmp)	6.50	Water Column (ft.)	3.91	Gallons in Well	0.64
		Pump Intake (ft-bmp)	4.09	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.55				
Sample Time: Label	10:37	Volume Purged	2.27 gallons	Replicate/Code No.	--	Sampled by	Amber Brannick
Purge Start	9:38						
Purge End	10:44						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:39	0	175	2.60	0.00	6.41	2.35	6.31	0.65	20.4	219.6	Clear,Small White Particulates	No Odor
9:44	5	175	2.60	0.23	7.13	2.48	3.33	0.18	20.0	187.7	Clear	No Odor
9:49	5	150	2.60	0.46	7.19	2.47	1.49	0.12	20.0	178.7	Clear	No Odor
9:54	5	150	2.60	0.66	7.21	2.49	1.23	0.09	20.1	171.7	Clear	No Odor
9:59	5	150	2.60	0.86	7.22	2.51	0.02	0.13	20.0	166.7	Clear	No Odor
10:04	5	100	2.60	1.06	7.22	2.53	0.39	0.11	19.9	161.9	Clear	No Odor
10:09	5	100	2.60	1.19	7.23	2.54	1.55	0.65	20.5	156.2	Clear	No Odor
10:14	5	200	2.60	1.32	7.20	2.58	0.02	0.16	20.7	153.1	Clear	No Odor
10:19	5	175	2.60	1.58	7.23	2.58	0.67	0.06	20.0	146.0	Clear	No Odor
10:24	5	175	2.60	1.81	7.24	2.59	0.02	0.07	20.0	142.3	Clear	No Odor
10:29	5	175	2.60	2.04	7.25	2.61	0.02	0.06	20.0	138.8	Clear	No Odor
10:34	5	175	2.60	2.27	7.25	2.63	0.02	0.04	19.9	135.8	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

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 gate along Levan north of door 7	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-195S			Date	8-13-20
Project Name/Location		Ford LTP		Weather		81°F and Sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.94	Total Depth (ft-bmp)	6.08	Water Column (ft.)	4.14	Gallons in Well	0.67
		Pump Intake (ft-bmp)	3.44	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.91				
Sample Time: Label	12:00	Volume Purged	1.28 gallons	Replicate/Code No.	--	Sampled by	Amber Brannick
Purge Start	11:23						
Purge End	12:07						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	225	1.96	0.00	7.07	5.53	0.02	0.75	21.5	162.6	Clear,Small White Particulates	No Odor
11:30	5	175	1.98	0.36	7.06	6.34	1.12	0.35	20.7	141.8	Clear	No Odor
11:35	5	175	1.98	0.36	7.06	6.20	0.73	0.22	20.5	136.6	Clear	No Odor
11:40	5	175	1.98	0.59	7.06	6.10	0.02	0.18	20.5	132.0	Clear	No Odor
11:45	5	175	1.98	0.82	7.05	6.02	1.16	0.12	20.3	125.0	Clear	No Odor
11:50	5	175	1.98	1.05	7.04	5.95	1.48	0.09	20.4	122.9	Clear	No Odor
11:55	5	175	1.98	1.28	7.04	5.92	0.02	0.08	20.5	119.5	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

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 gate along Levan	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-196			Date	8-13-20
Project Name/Location	Ford LTP			Weather		86°F and Sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.23	Total Depth (ft-bmp)	17.12	Water Column (ft.)	14.89	Gallons in Well	2.42
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.58				
Sample Time: Label	14:00	Volume Purged	1.41 gallons	Replicate/Code No.	--	Sampled by	Amber Brannick
Purge Start	13:12						
Purge End	14:05						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	200	2.31	0.00	6.88	2.55	12.20	0.46	17.3	70.5	Clear,Small White Particulates	No Odor
13:20	5	175	2.31	0.26	7.08	2.52	8.68	0.23	17.4	53.0	Clear	No Odor
13:25	5	175	2.29	0.49	7.08	2.50	4.56	0.41	17.9	45.2	Clear	No Odor
13:30	5	175	2.29	0.49	7.08	2.46	4.06	0.44	17.1	36.1	Clear	No Odor
13:35	5	175	2.29	0.72	7.08	2.40	7.30	0.44	17.2	31.3	Clear	No Odor
13:40	5	175	2.29	0.95	7.08	2.38	3.55	0.49	17.2	27.4	Clear	No Odor
13:45	5	175	2.29	1.18	7.09	2.35	2.70	0.52	17.2	22.6	Clear	No Odor
13:50	5	175	2.29	1.41	7.09	2.32	3.54	0.51	17.2	18.0	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

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 gate along levan rd	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-196S			Date	8-14-20
Project Name/Location	Ford LTP			Weather	86 degrees F, Thunderstorms		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.50	Total Depth (ft-bmp)	6.52	Water Column (ft.)	4.02	Gallons in Well	0.65
		Pump Intake (ft-bmp)	4.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.12				
Sample Time: Label	15:15	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Amber Brannick
Purge Start	14:37						
Purge End	15:23						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:40	0	175	2.58	0.00	6.89	3.40	9.89	0.51	19.6	131.0	Clear	No Odor
14:45	5	175	2.58	0.23	6.96	3.36	7.38	0.31	19.4	103.3	Clear	No Odor
14:50	5	175	2.58	0.46	7.00	3.35	2.43	0.23	19.3	68.6	Clear	No Odor
14:55	5	175	2.58	0.69	7.02	3.33	2.40	0.21	19.3	58.2	Clear	No Odor
15:00	5	175	2.58	0.92	7.03	3.31	0.81	0.17	19.2	54.6	Clear	No Odor
15:05	5	175	2.58	1.15	7.04	3.28	1.27	0.12	19.2	53.1	Clear	No Odor
15:10	5	175	2.58	1.38	7.04	3.26	0.59	0.14	19.2	52.2	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*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Inside gate by Levan Rd	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-197S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	73 degrees F, Partly 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)	5.12	Total Depth (ft-bmp)	7.39	Water Column (ft.)	2.27	Gallons in Well	0.37
		Pump Intake (ft-bmp)	6.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.27				
Sample Time: Label	13:02	Volume Purged	1.58 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:27						
Purge End	13:08						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:29	0	210	5.15	0.00	7.47	10.11	0.29	3.28	22.7	48.3	Clear	No Odor
12:34	5	200	5.21	0.28	7.35	10.17	0.02	1.05	22.3	35.9	Clear	No Odor
12:39	5	200	5.23	0.54	7.34	10.14	0.02	1.00	22.5	9.4	Clear	No Odor
12:44	5	200	5.22	0.80	7.34	10.12	0.02	0.99	22.5	-20.2	Clear	No Odor
12:49	5	200	5.22	1.06	7.33	10.09	0.02	0.95	22.6	-35.7	Clear	No Odor
12:54	5	200	5.22	1.32	7.33	10.09	0.02	0.94	22.5	-37.5	Clear	No Odor
12:59	5	200	5.22	1.58	7.34	10.06	0.02	0.86	22.4	-44.9	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

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:	Onsite SW parking area at exit to Levan rd	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-198			Date	8-19-20
Project Name/Location	Ford LTP			Weather	68 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.40	Total Depth (ft-bmp)	16.52	Water Column (ft.)	12.12	Gallons in Well	1.97
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.79				
Sample Time: Label	11:53	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:18						
Purge End	12:03						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	200	4.43	0.00	7.37	6.37	2.44	1.19	19.6	-76.3	Clear	No Odor
11:25	5	200	4.43	0.26	7.26	1.94	4.20	0.19	17.1	-52.1	Clear	No Odor
11:30	5	200	4.43	0.52	7.26	1.81	1.90	0.17	17.1	-41.7	Clear	No Odor
11:35	5	200	4.43	0.78	7.32	1.72	1.66	0.13	17.4	-38.4	Clear	No Odor
11:40	5	200	4.43	1.04	7.35	1.67	0.02	0.12	17.2	-33.3	Clear	No Odor
11:45	5	200	4.43	1.30	7.39	1.67	0.02	0.13	17.3	-29.9	Clear	No Odor
11:50	5	200	4.43	1.56	7.38	1.67	0.02	0.13	17.2	-25.0	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

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:	Last parking spot nw	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-198S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	65 degrees F, Mostly Clear		
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)	4.40	Total Depth (ft-bmp)	7.10	Water Column (ft.)	2.70	Gallons in Well	0.44
		Pump Intake (ft-bmp)	5.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.82				
Sample Time: Label	10:40	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:04						
Purge End	10:50						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:06	0	210	4.45	0.00	7.00	8.94	15.30	1.94	21.4	-28.0	Clear,Small White Particulates	No Odor
10:11	5	210	4.45	0.28	6.97	8.89	5.26	0.24	21.2	-43.9	Clear	No Odor
10:16	5	210	4.45	0.56	7.03	8.81	0.84	0.27	21.5	-54.6	Clear	No Odor
10:21	5	210	4.45	0.84	7.07	8.74	0.02	0.19	21.2	-59.9	Clear	No Odor
10:26	5	210	4.45	1.12	7.08	8.75	0.02	0.15	21.2	-60.8	Clear	No Odor
10:31	5	210	4.45	1.40	7.09	8.77	0.02	0.15	21.2	-59.8	Clear	No Odor
10:36	5	210	4.45	1.68	7.10	8.79	0.02	0.15	21.2	-58.0	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

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:	Onsite in last north western parking spot	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-199S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	61 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.20	Total Depth (ft-bmp)	5.83	Water Column (ft.)	3.63	Gallons in Well	0.59
		Pump Intake (ft-bmp)	3.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.68				
Sample Time: Label	9:30	Volume Purged	1.58 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	8:57						
Purge End	9:36						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:58	0	200	2.43	0.00	7.53	1.98	0.02	0.69	21.8	65.2	Clear	No Odor
9:03	5	200	2.43	0.26	7.59	1.82	0.79	0.22	22.0	-22.7	Clear	No Odor
9:08	5	200	2.45	0.52	7.58	1.80	0.02	0.20	21.9	-41.8	Clear	No Odor
9:13	5	200	2.44	0.78	7.57	1.78	0.02	0.24	21.9	-64.4	Clear	No Odor
9:18	5	200	2.44	1.04	7.56	1.78	0.02	0.12	21.9	-83.9	Clear	No Odor
9:23	5	200	2.45	1.30	7.54	1.78	0.02	0.11	21.9	-90.6	Clear	No Odor
9:28	5	200	2.45	1.58	7.53	1.75	0.02	0.12	21.8	-93.2	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* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	In gravel within security gate at exit to Levan road	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-200			Date	8-24-20
Project Name/Location	Ford LTP			Weather	74 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)	6.41	Total Depth (ft-bmp)	18.60	Water Column (ft.)	12.19	Gallons in Well	1.98
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.76				
Sample Time: Label	10:35	Volume Purged	1.51 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	9:59						
Purge End	10:40						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:00	0	160	6.60	0.00	6.94	3.13	11.10	0.64	20.3	-29.1	Clear	No Odor
10:05	5	200	6.62	0.21	7.15	3.12	10.00	0.26	20.1	-106.6	Clear	No Odor
10:10	5	200	6.62	0.47	7.19	3.13	10.20	0.22	20.0	-118.7	Clear	No Odor
10:15	5	200	6.62	0.73	7.25	3.12	3.82	0.14	19.8	-136.5	Clear	No Odor
10:20	5	200	6.62	0.99	7.26	3.11	4.67	0.11	19.7	-141.3	Clear	No Odor
10:25	5	200	6.62	1.25	7.28	3.14	4.24	0.12	19.9	-145.9	Clear	No Odor
10:30	5	200	6.62	1.51	7.29	3.12	2.45	0.08	19.6	-147.4	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
1,1-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:	Near emergency response point 6	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-200S			Date	8-24-20
Project Name/Location	Ford LTP			Weather	77 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.35	Total Depth (ft-bmp)	9.54	Water Column (ft.)	3.19	Gallons in Well	0.52
		Pump Intake (ft-bmp)	7.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.40				
Sample Time: Label	11:35	Volume Purged	1.25 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	10:59						
Purge End	11:40						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	150	6.40	0.00	7.49	10.48	27.30	0.64	24.7	42.7	Small Orange Particulates	No Odor
11:05	5	160	6.40	0.20	7.50	10.38	20.90	0.41	24.7	40.3	Small Orange Particulates	No Odor
11:10	5	160	6.40	0.41	7.51	10.34	13.30	0.29	24.7	34.8	Small Orange Particulates	No Odor
11:15	5	160	6.40	0.62	7.52	10.26	6.71	0.17	24.7	32.4	Clear	No Odor
11:20	5	160	6.40	0.83	7.53	10.19	2.27	0.18	24.7	31.1	Clear	No Odor
11:25	5	160	6.40	1.04	7.53	10.13	2.45	0.19	24.6	29.8	Clear	No Odor
11:30	5	160	6.40	1.25	7.54	10.11	1.45	0.18	24.7	29.3	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
1,1-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:	Near emergency response point 6	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-201			Date	8-20-20
Project Name/Location	Ford LTP			Weather	66 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)	5.00	Total Depth (ft-bmp)	22.00	Water Column (ft.)	17.00	Gallons in Well	2.76
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.61				
Sample Time: Label	10:25	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	9:40						
Purge End	10:30						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	160	5.63	0.00	6.98	8.05	17.10	0.67	19.7	-51.5	Small Black Particulates	No Odor
9:45	5	160	5.80	0.21	7.00	8.04	9.40	0.42	19.7	-62.9	Small Black Particulates	No Odor
9:50	5	160	5.90	0.42	7.02	7.96	12.10	0.36	19.6	-72.2	Small Black Particulates	No Odor
9:55	5	160	5.98	0.63	7.03	7.58	2.76	0.22	19.6	-74.2	Small Black Particulates	No Odor
10:00	5	160	6.00	0.84	7.02	7.60	4.62	0.19	19.5	-72.1	Small Black Particulates	No Odor
10:05	5	160	6.00	1.05	7.01	7.78	3.50	0.15	19.4	-70.4	Small Black Particulates	No Odor
10:10	5	160	6.00	1.26	7.01	7.90	2.61	0.12	19.4	-70.3	Small Black Particulates	No Odor
10:15	5	160	6.00	1.47	7.02	8.04	2.05	0.10	19.2	-71.7	Small Black Particulates	No Odor
10:20	5	160	6.00	1.68	7.02	8.14	3.15	0.09	19.1	-73.6	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
1,1-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* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Parking lot near Evacuation assembly area B1	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-201S			Date	8-20-20
Project Name/Location	Ford LTP			Weather	66 degrees F, Partly 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)	5.16	Total Depth (ft-bmp)	8.14	Water Column (ft.)	2.98	Gallons in Well	0.48
		Pump Intake (ft-bmp)	6.66	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.50				
Sample Time: Label	11:30	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	10:50						
Purge End	11:35						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	180	5.20	0.00	7.87	12.03	45.10	0.29	25.4	-187.5	Cloudy,Small White Particulates	No Odor
10:55	5	180	5.20	0.24	7.95	11.92	15.60	0.24	25.5	-216.3	Small White Particulates	No Odor
11:00	5	180	5.20	0.48	8.25	11.73	7.17	0.17	25.6	-227.8	Small White Particulates	No Odor
11:05	5	180	5.20	0.72	8.36	11.61	4.09	0.19	25.6	-216.9	Small White Particulates	No Odor
11:10	5	180	5.20	0.96	8.40	11.54	4.25	0.21	25.6	-210.4	Small White Particulates	No Odor
11:15	5	180	5.20	1.20	8.42	11.54	3.85	0.22	25.6	-204.0	Small White Particulates	No Odor
11:20	5	180	5.20	1.44	8.42	11.56	1.52	0.25	25.6	-199.9	Clear	No Odor
11:25	5	180	5.20	1.68	8.42	11.58	1.24	0.25	25.6	-195.5	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

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

Well Information

Well Location:	Near Evacuation assembly area B1 in parking lot	Well Locked at Arrival:	no
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-208S			Date	8-15-20
Project Name/Location	Ford LTP			Weather	70 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.35	Total Depth (ft-bmp)	15.59	Water Column (ft.)	5.24	Gallons in Well	0.85
		Pump Intake (ft-bmp)	11.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.93				
Sample Time: Label	11:10	Volume Purged	1.64 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:21						
Purge End	11:12						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	150	10.35	0.00	7.52	1.25	127.00	3.72	20.5	70.8	Clear,Small Orange Particulates,Yellow	No Odor
10:25	5	150	10.35	0.16	7.18	1.22	120.00	0.50	19.9	52.3	Small Orange Particulates, Turbid,Yellow	No Odor
10:30	5	150	10.35	0.36	7.08	1.33	70.80	0.38	19.8	-26.6	Turbid,Yellow	No Odor
10:35	5	150	10.35	0.56	7.12	1.50	37.80	0.46	20.2	-30.4	Clear,Yellow	No Odor
10:40	5	150	10.35	0.76	7.06	1.70	7.78	0.63	19.9	-39.3	Clear	No Odor
10:45	5	125	10.35	0.96	7.09	1.77	3.00	0.56	20.1	-37.9	Clear	No Odor
10:50	5	125	10.35	1.13	7.09	1.84	0.24	0.89	19.9	-33.6	Clear	No Odor
10:55	5	125	10.35	1.30	7.05	1.85	0.09	0.70	19.7	-30.4	Clear	No Odor
11:00	5	125	10.35	1.47	7.05	1.89	0.02	0.70	19.7	-32.3	Clear	No Odor
11:05	5	125	10.35	1.64	7.09	1.90	0.02	0.73	20.0	-34.7	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
1,1-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:	East side 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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-209S			Date	8-15-20
Project Name/Location	Ford LTP			Weather	74 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)	9.76	Total Depth (ft-bmp)	12.72	Water Column (ft.)	2.96	Gallons in Well	0.48
		Pump Intake (ft-bmp)	11.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.35				
Sample Time: Label	11:15	Volume Purged	1.61 gallons	Replicate/Code No.	MW-209S-MS_081520, MW-209S-MSD_081520	Sampled by	Amber Brannick
Purge Start	10:34						
Purge End	11:36						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	175	9.78	0.00	6.82	4.90	4.33	1.08	21.0	133.4	Clear,Small White Particulates	No Odor
10:40	5	175	9.78	0.23	6.93	5.19	1.02	0.42	20.6	39.8	Clear	No Odor
10:45	5	175	9.78	0.46	6.98	5.38	1.37	0.21	20.4	8.2	Clear	No Odor
10:50	5	175	9.78	0.69	7.00	5.46	0.20	0.23	20.3	-5.8	Clear	No Odor
10:55	5	175	9.78	0.92	7.01	5.50	0.02	0.18	20.2	-20.5	Clear	No Odor
11:00	5	175	9.78	1.15	7.01	5.57	0.83	0.18	20.3	-29.6	Clear	No Odor
11:05	5	175	9.78	1.38	7.01	5.58	0.76	0.16	20.2	-35.4	Clear	No Odor
11:10	5	175	9.78	1.61	7.01	5.57	0.02	0.14	20.2	-39.3	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	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:	Along road in Gate 1 entrance	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-210S			Date	8-15-20
Project Name/Location	Ford LTP			Weather	69 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)	9.84	Total Depth (ft-bmp)	12.73	Water Column (ft.)	2.89	Gallons in Well	0.47
		Pump Intake (ft-bmp)	11.34	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.11				
Sample Time: Label	9:01	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
Purge Start	7:58						
Purge End	9:04						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
7:59	0	150	9.86	0.00	7.08	10.14	710.00	0.95	19.4	-69.9	Brown,Cloudy	No Odor
8:04	5	150	9.86	0.20	7.04	10.81	249.00	0.47	19.2	-80.2	Brown,Cloudy	No Odor
8:09	5	150	9.86	0.40	7.05	10.86	144.00	0.23	19.0	-87.2	Cloudy,Small Orange Particulates	No Odor
8:14	5	150	9.86	0.60	7.05	10.89	83.40	0.40	19.0	-90.7	Cloudy,Small Orange Particulates	No Odor
8:19	5	150	9.86	0.80	7.04	10.92	53.50	0.40	19.0	-92.7	Clear	No Odor
8:24	5	150	9.86	1.00	7.04	10.92	45.20	0.38	18.9	-92.5	Clear	No Odor
8:29	5	150	9.86	1.20	7.04	10.93	34.60	0.33	18.9	-92.3	Clear	No Odor
8:34	5	150	9.86	1.40	7.05	10.94	24.80	0.28	18.9	-91.3	Clear	No Odor
8:39	5	150	9.86	1.60	7.05	10.93	17.70	0.28	18.9	-91.2	Clear	No Odor
8:44	5	150	9.86	1.80	7.06	10.92	13.30	0.28	18.9	-92.7	Clear	No Odor
8:49	5	150	9.86	2.00	7.06	10.91	6.63	0.33	18.9	-92.5	Clear	No Odor
8:54	5	150	9.86	2.20	7.06	10.90	4.98	0.37	18.9	-92.0	Clear	No Odor
8:59	5	150	9.86	2.40	7.06	10.41	4.74	0.39	18.9	-91.5	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

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:	E Road	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-211S			Date	8-15-20
Project Name/Location	Ford LTP			Weather	70 degrees F, Mostly 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)	8.70	Total Depth (ft-bmp)	11.85	Water Column (ft.)	3.15	Gallons in Well	0.51
		Pump Intake (ft-bmp)	10.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.33				
Sample Time: Label	10:23	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	9:42						
Purge End	10:27						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	200	8.74	0.00	7.64	11.54	66.60	0.51	20.8	27.4	Clear,Small Orange Particulates	No Odor
9:50	5	180	8.74	0.26	7.25	11.64	38.10	0.35	21.2	25.2	Clear,Small Orange Particulates	No Odor
9:55	5	180	8.74	0.50	7.24	11.89	22.60	0.26	21.5	23.8	Clear	No Odor
10:00	5	180	8.73	0.74	7.32	12.35	15.50	0.19	21.7	26.2	Clear	No Odor
10:05	5	180	8.73	0.98	7.33	12.44	9.95	0.24	21.8	27.6	Clear	No Odor
10:10	5	180	8.73	1.22	7.37	12.68	7.06	0.18	21.2	28.6	Clear	No Odor
10:15	5	180	8.73	1.46	7.37	12.87	7.05	0.14	21.4	25.3	Clear	No Odor
10:20	5	180	8.73	1.70	7.39	13.01	6.89	0.12	21.6	21.5	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

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

Well Information

Well Location:	Onsite ROW	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-212S			Date	8-15-20
Project Name/Location	Ford LTP			Weather	69 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.32	Total Depth (ft-bmp)	11.17	Water Column (ft.)	2.85	Gallons in Well	0.46
		Pump Intake (ft-bmp)	9.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.96				
Sample Time: Label	8:10	Volume Purged	1.82 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	7:31						
Purge End	8:14						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
7:32	0	200	8.33	0.00	6.82	10.83	128.00	1.39	20.5	112.2	Clear,Small Orange Particulates	No Odor
7:37	5	200	8.34	0.26	6.88	10.99	85.40	0.97	20.3	72.4	Clear	No Odor
7:42	5	200	8.34	0.52	6.92	11.51	43.40	0.61	20.2	31.4	Clear	No Odor
7:47	5	200	8.34	0.78	6.95	11.62	29.20	0.52	20.1	16.3	Clear	No Odor
7:52	5	200	8.34	1.04	6.96	11.70	22.60	0.59	20.1	5.6	Clear	No Odor
7:57	5	200	8.34	1.30	6.98	11.74	14.80	0.59	20.0	-4.4	Clear	No Odor
8:02	5	200	8.34	1.56	6.98	11.76	14.80	0.62	20.0	-6.8	Clear	No Odor
8:07	5	200	8.34	1.82	6.99	11.76	13.90	0.58	20.1	-11.4	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

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

Well Information

Well Location:	Onsite ROW	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-213S			Date	8-15-20
Project Name/Location	Ford LTP			Weather	81 degrees F, Partly 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)	8.08	Total Depth (ft-bmp)	10.83	Water Column (ft.)	2.75	Gallons in Well	0.45
		Pump Intake (ft-bmp)	9.58	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.44				
Sample Time: Label	13:11	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
Purge Start	12:19						
Purge End	13:15						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	150	8.09	0.00	7.02	11.59	45.10	0.79	21.7	-66.7	Clear,Small Orange Particulates	No Odor
12:25	5	150	8.09	0.20	7.04	11.64	32.20	0.28	21.9	-75.5	Clear,Small Orange Particulates	No Odor
12:30	5	150	8.09	0.40	7.06	11.68	26.00	0.31	21.7	-81.2	Clear	No Odor
12:35	5	150	8.09	0.60	7.06	11.65	24.40	0.21	21.7	-85.6	Clear	No Odor
12:40	5	150	8.09	0.80	7.06	11.66	13.60	0.15	21.6	-86.3	Clear	No Odor
12:45	5	150	8.09	1.00	7.06	11.63	9.55	0.13	21.7	-86.2	Clear	No Odor
12:50	5	150	8.09	1.20	7.06	11.59	7.54	0.09	21.7	-86.5	Clear	No Odor
12:55	5	150	8.09	1.40	7.06	11.57	7.54	0.07	21.6	-86.2	Clear	No Odor
13:00	5	150	8.09	1.60	7.07	11.54	4.09	0.07	21.6	-87.1	Clear	No Odor
13:05	5	150	8.09	1.80	7.07	11.52	4.45	0.07	21.8	-88.1	Clear	No Odor
13:10	5	150	8.09	2.00	7.07	11.51	3.50	0.06	21.8	-88.1	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

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:	E Road	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-218S			Date	8-11-20
Project Name/Location	Ford LTP			Weather	75 sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.26	Total Depth (ft-bmp)	13.19	Water Column (ft.)	2.93	Gallons in Well	0.48
		Pump Intake (ft-bmp)	11.76	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.50				
Sample Time: Label	10:15	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:41						
Purge End	10:21						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:43	0	150	10.28	0.00	6.57	1.08	3.35	0.62	15.9	141.9	Clear	No Odor
9:48	5	150	10.28	0.20	6.86	1.99	0.96	0.24	15.7	137.8	Clear	No Odor
9:53	5	150	10.29	0.40	6.96	2.14	0.02	0.24	15.8	130.2	Clear	No Odor
9:58	5	150	10.29	0.60	7.00	2.20	0.02	0.24	15.7	125.3	Clear	No Odor
10:03	5	150	10.29	0.80	7.01	2.23	0.02	0.26	15.7	121.3	Clear	No Odor
10:08	5	150	10.29	1.00	7.02	2.24	0.02	0.30	15.8	116.8	Clear	No Odor
10:13	5	150	10.29	1.20	7.03	2.24	0.02	0.35	15.8	112.8	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 Pad is cracked

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:	Along Plymouth Rd next to ATNCP sign	Well Locked at Arrival:	no
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-219S			Date	8-11-20
Project Name/Location	Ford LTP			Weather	77 degrees F, Mostly 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)	7.35	Total Depth (ft-bmp)	11.30	Water Column (ft.)	3.95	Gallons in Well	0.64
		Pump Intake (ft-bmp)	8.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.11				
Sample Time: Label	11:48	Volume Purged	1.99 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	10:56						
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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:58	0	175	7.35	0.00	7.33	17.79	50.80	1.13	17.1	131.1	Clear,Small Orange Particulates	No Odor
11:03	5	150	7.40	0.23	7.43	16.89	63.10	0.46	17.3	113.1	Clear,Small Orange Particulates	No Odor
11:08	5	150	7.40	0.43	7.39	14.86	32.50	0.72	17.3	72.6	Clear,Small Orange Particulates	No Odor
11:13	5	175	7.40	0.63	7.37	13.78	21.40	1.31	17.3	61.1	Clear,Small Orange Particulates	No Odor
11:18	5	155	7.40	0.86	7.36	13.42	16.00	1.55	17.3	58.0	Clear,Small Orange Particulates	No Odor
11:23	5	150	7.40	1.06	7.34	13.29	10.90	1.64	17.1	59.9	Clear,Small Orange Particulates	No Odor
11:28	5	150	7.36	1.39	7.34	13.08	6.53	1.52	17.4	62.2	Clear,Small Orange Particulates	No Odor
11:33	5	150	7.45	1.59	7.32	13.11	4.49	1.71	17.6	64.8	Clear,Small Orange Particulates	No Odor
11:38	5	150	7.36	1.79	7.31	13.04	1.81	1.61	17.7	67.5	Clear,Small Orange Particulates	No Odor
11:43	5	150	7.40	1.99	7.31	13.01	2.47	1.60	17.7	69.0	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

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 grass	Well Locked at Arrival:	no
Condition of Well:	Fair,Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-220S			Date	8-11-20
Project Name/Location	Ford LTP			Weather	82 degrees F, Partly 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)	8.04	Total Depth (ft-bmp)	10.39	Water Column (ft.)	2.35	Gallons in Well	0.38
		Pump Intake (ft-bmp)	9.54	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.95				
Sample Time: Label	14:13	Volume Purged	2.26 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	13:12						
Purge End	14:20						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:13	0	200	8.05	0.00	6.91	4.03	0.02	3.01	23.4	105.9	Clear	No Odor
13:18	5	150	8.05	0.26	6.91	3.94	0.21	1.91	21.9	99.0	Clear	No Odor
13:23	5	150	8.05	0.46	6.93	3.96	0.62	1.82	21.9	93.5	Clear	No Odor
13:28	5	150	8.30	0.66	6.93	3.93	1.62	1.82	21.9	89.2	Clear	No Odor
13:33	5	150	8.20	0.86	6.93	3.94	2.11	1.69	22.0	85.3	Clear	No Odor
13:38	5	150	8.05	1.06	6.93	3.94	0.23	1.34	21.9	81.6	Clear	No Odor
13:43	5	150	8.05	1.26	6.93	3.93	1.08	1.41	21.9	78.8	Clear	No Odor
13:48	5	150	8.05	1.46	6.94	3.94	0.58	1.16	21.8	76.1	Clear	No Odor
13:53	5	150	8.05	1.66	6.94	3.95	0.60	1.15	21.8	73.3	Clear	No Odor
13:58	5	150	8.10	1.86	6.94	3.95	1.62	0.17	21.7	71.1	Clear	No Odor
14:03	5	150	8.05	2.06	6.94	3.97	0.02	0.20	21.9	68.4	Clear	No Odor
14:08	5	150	8.20	2.26	6.94	3.97	0.57	0.15	21.8	66.9	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

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:	Parking lot	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-221S			Date	8-12-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.46	Total Depth (ft-bmp)	10.99	Water Column (ft.)	4.53	Gallons in Well	0.74
		Pump Intake (ft-bmp)	7.96	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.24				
Sample Time: Label	9:56	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	8:51						
Purge End	10:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:53	0	150	6.41	0.00	7.68	13.95	40.00	1.20	22.5	173.6	Clear	No Odor
8:58	5	150	6.41	0.20	7.92	14.09	26.60	1.14	22.3	161.4	Clear	No Odor
9:03	5	150	6.46	0.40	7.93	14.12	20.50	1.14	22.2	155.1	Clear	No Odor
9:08	5	150	6.46	0.60	7.93	14.18	16.40	1.07	22.1	146.2	Clear	No Odor
9:13	5	150	6.46	0.80	7.94	14.23	17.10	1.01	22.1	138.1	Clear	No Odor
9:18	5	150	6.46	1.00	7.93	14.23	10.60	0.87	22.2	136.8	Clear	No Odor
9:23	5	150	6.46	1.20	7.94	14.28	8.00	1.04	22.1	134.3	Clear	No Odor
9:28	5	150	6.46	1.40	7.94	14.30	5.55	1.04	22.0	130.1	Clear	No Odor
9:33	5	150	6.46	1.60	7.91	14.33	2.79	0.97	22.0	126.4	Clear	No Odor
9:38	5	150	6.46	1.80	7.90	14.34	2.69	1.00	22.0	120.3	Clear	No Odor
9:43	5	150	6.46	2.00	7.90	14.36	1.96	0.90	22.0	113.9	Clear	No Odor
9:48	5	150	6.46	2.20	7.89	14.37	1.60	0.80	22.1	107.6	Clear	No Odor
9:53	5	150	6.46	2.40	7.89	14.37	2.45	0.73	22.0	102.7	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

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 the driveway from emergency response point 2 sign, in driveway	Well Locked at Arrival:	no
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-222S			Date	8-12-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.15	Total Depth (ft-bmp)	9.50	Water Column (ft.)	3.35	Gallons in Well	0.54
		Pump Intake (ft-bmp)	7.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.44				
Sample Time: Label	12:04	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:00						
Purge End	12:10						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:01	0	125	6.15	0.00	7.05	5.45	26.20	2.82	23.1	104.1	Clear,Small Orange Particulates	No Odor
11:06	5	150	6.15	0.17	7.13	5.40	29.30	2.50	22.9	76.6	Clear,Small Orange Particulates	No Odor
11:11	5	150	6.15	0.37	7.15	5.45	16.30	3.26	23.1	51.1	Clear,Small Orange Particulates	No Odor
11:16	5	150	6.15	0.57	7.13	5.34	24.30	3.04	22.8	37.7	Clear,Small Orange Particulates	No Odor
11:21	5	150	6.15	0.80	7.13	5.35	21.60	3.04	23.0	30.8	Clear	No Odor
11:26	5	150	6.15	1.00	7.13	5.54	10.60	2.27	23.1	25.7	Clear	No Odor
11:31	5	150	6.15	1.20	7.13	5.52	6.70	2.38	23.0	21.7	Clear	No Odor
11:36	5	150	6.15	1.40	7.13	5.51	3.71	2.19	23.1	18.2	Clear	No Odor
11:41	5	150	6.15	1.60	7.13	5.49	2.94	2.10	23.1	15.1	Clear	No Odor
11:46	5	150	6.15	1.80	7.13	5.49	2.11	1.90	23.1	12.3	Clear	No Odor
11:51	5	150	6.10	2.00	7.13	5.48	1.94	1.88	23.0	9.5	Clear	No Odor
11:56	5	150	6.15	2.20	7.13	5.48	1.30	1.70	23.1	7.9	Clear	No Odor
12:01	5	150	6.15	2.40	7.13	5.47	0.95	1.63	23.1	5.6	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:	At the end of a parking space along the Plymouth road side of parking lot	Well Locked at Arrival:	no
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-224S			Date	8-12-20
Project Name/Location	Ford LTP			Weather	79 degrees F, Mostly 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)	8.75	Total Depth (ft-bmp)	11.52	Water Column (ft.)	2.77	Gallons in Well	0.45
		Pump Intake (ft-bmp)	10.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.47				
Sample Time: Label	14:20	Volume Purged	2.46 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	13:15						
Purge End	14:27						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:16	0	200	8.75	0.00	7.21	11.72	159.00	0.63	21.4	110.3	Brown,Cloudy, Small Orange Particulates	No Odor
13:21	5	150	8.75	0.26	7.38	11.16	89.00	0.21	21.1	90.3	Brown,Cloudy, Small Orange Particulates	No Odor
13:26	5	150	8.75	0.46	7.39	11.08	62.90	0.25	21.8	86.8	Brown,Cloudy, Small Orange Particulates	No Odor
13:31	5	150	8.75	0.66	7.37	10.90	41.10	0.22	21.7	80.8	Clear,Cloudy, Small Orange Particulates	No Odor
13:36	5	150	8.75	0.86	7.36	10.88	46.60	0.21	21.6	74.7	Clear,Cloudy, Small Orange Particulates	No Odor
13:41	5	150	8.75	1.06	7.35	10.78	37.30	0.25	21.9	70.0	Clear,Small Orange Particulates	No Odor
13:46	5	150	8.75	1.26	7.34	10.72	21.30	0.31	21.9	66.4	Clear,Small Orange Particulates	No Odor
13:51	5	150	8.75	1.46	7.34	10.73	14.60	0.31	22.2	61.4	Clear	No Odor
13:56	5	150	8.75	1.66	7.33	10.72	13.60	0.34	21.9	58.1	Clear	No Odor
14:01	5	150	8.75	1.86	7.33	10.74	9.85	0.36	22.0	54.5	Clear	No Odor
14:06	5	150	8.75	2.06	7.33	10.73	7.00	0.39	21.7	51.5	Clear	No Odor
14:11	5	150	8.75	2.26	7.33	10.69	13.50	0.42	21.8	48.9	Clear,Small White Particulates	No Odor
14:16	5	150	8.75	2.46	7.33	10.70	5.70	0.40	21.6	46.7	Clear,Small White 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

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 parking spaces along fence on Plymouth Rd	Well Locked at Arrival:	no
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	PW-16-01			Date	8-4-20
Project Name/Location	Ford LTP			Weather	75 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.7-19.7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.75	Total Depth (ft-bmp)	21.56	Water Column (ft.)	13.81	Gallons in Well	2.24
		Pump Intake (ft-bmp)	14.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.51				
Sample Time: Label	16:45	Volume Purged	1.15 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	16:15						
Purge End	17:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:15	0	115	7.77	0.00	7.03	5.80	65.30	0.52	18.2	-112.4	Small Orange Particulates	No Odor
16:20	5	150	7.79	0.15	6.98	5.82	15.50	0.24	18.0	-108.3	Small Orange Particulates	No Odor
16:25	5	150	7.78	0.35	6.98	5.85	25.10	0.46	18.2	-96.0	Small Orange Particulates	No Odor
16:30	5	150	7.78	0.55	7.02	5.83	13.40	0.14	18.1	-95.0	Small Orange Particulates	No Odor
16:35	5	150	7.78	0.75	6.98	5.83	4.46	0.24	18.0	-95.6	Small Orange Particulates	No Odor
16:40	5	150	7.78	0.95	6.98	5.85	4.69	0.10	18.0	-97.8	Clear	No Odor
16:45	5	150	7.78	1.15	6.98	5.85	3.08	0.07	18.2	-99.0	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

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:	SE corner of test track	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	PW-16-02			Date	8-4-20
Project Name/Location		Ford LTP		Weather	70 degrees F, 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)	5.01	Total Depth (ft-bmp)	23.85	Water Column (ft.)	18.84	Gallons in Well	3.06
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.54				
Sample Time: Label	11:05	Volume Purged	1.65 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	10:30						
Purge End	11:15						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	120	5.10	0.00	6.96	1.22	1.71	0.49	14.0	-86.0	Clear	No Odor
10:40	5	165	5.10	0.16	6.92	1.24	3.98	0.20	14.0	-79.1	Clear	No Odor
10:45	5	165	5.10	0.38	6.91	1.21	3.53	0.17	13.9	-78.8	Clear	No Odor
10:50	5	165	5.10	0.60	6.91	1.21	3.26	0.13	13.8	-78.5	Clear	No Odor
10:55	5	165	5.15	0.95	6.91	1.21	2.17	0.12	13.9	-78.6	Clear	No Odor
11:00	5	165	5.15	1.30	6.91	1.21	2.50	0.11	13.9	-78.5	Clear	No Odor
11:05	5	165	5.15	1.65	6.91	1.21	0.68	0.10	13.8	-78.4	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
1,1-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:	North end of test track	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	TW-16-01			Date	8-18-20
Project Name/Location	Ford LTP			Weather	73 degrees F, Partly 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)	7.80	Total Depth (ft-bmp)	16.64	Water Column (ft.)	8.84	Gallons in Well	1.44
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.06				
Sample Time: Label	13:52	Volume Purged	1.52 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	13:18						
Purge End	13:56						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	200	7.85	0.00	7.97	12.31	12.10	0.75	19.4	-205.4	Clear	No Odor
13:25	5	200	7.82	0.26	7.30	12.49	6.17	0.32	19.7	-113.1	Clear	No Odor
13:30	5	200	7.83	0.52	7.24	12.48	5.46	0.21	19.8	-110.1	Clear,Small White Particulates	No Odor
13:35	5	180	7.83	0.78	7.19	12.40	2.16	0.16	19.9	-107.6	Clear	No Odor
13:40	5	180	7.83	1.02	7.16	12.31	2.80	0.14	19.8	-107.3	Clear	No Odor
13:45	5	180	7.83	1.28	7.14	12.29	3.80	0.12	19.5	-105.4	Clear	No Odor
13:50	5	180	7.83	1.52	7.13	12.30	1.19	0.10	19.9	-105.7	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

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:	Onsite S of rubber strips next to HCS	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	TW-16-02			Date	8-18-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.61	Total Depth (ft-bmp)	17.14	Water Column (ft.)	9.53	Gallons in Well	1.55
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.55				
Sample Time: Label	12:40	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:43						
Purge End	12:45						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	180	7.65	0.00	7.87	10.17	82.00	0.27	19.7	-265.3	Clear,Small Orange Particulates	No Odor
11:50	5	180	7.71	0.24	7.57	9.58	23.90	0.20	19.9	-154.8	Clear,Small Orange Particulates	No Odor
11:55	5	180	7.71	0.48	7.33	9.69	83.00	0.28	19.6	-146.7	Clear,Cloudy, Small Orange Particulates	No Odor
12:00	5	180	7.71	0.72	7.38	9.21	61.00	1.65	19.8	-143.6	Clear,Cloudy, Small Orange Particulates	No Odor
12:05	5	180	7.71	0.96	7.36	9.24	59.60	0.32	19.7	-142.6	Clear,Cloudy, Small Orange Particulates	No Odor
12:10	5	180	7.71	1.20	7.33	9.31	45.10	0.11	20.0	-137.9	Clear,Small Orange Particulates	No Odor
12:15	5	180	7.71	1.44	7.33	9.36	48.30	0.10	19.9	-135.9	Clear,Small Orange Particulates	No Odor
12:20	5	180	7.71	1.68	7.32	9.42	37.20	0.10	20.0	-134.3	Clear,Small Orange Particulates	No Odor
12:25	5	180	7.71	1.92	7.30	9.48	26.20	0.09	19.9	-130.7	Clear,Small Orange Particulates	No Odor
12:30	5	180	7.71	2.16	7.30	9.50	25.40	0.08	20.1	-130.4	Clear,Small Orange Particulates	No Odor
12:35	5	180	7.71	2.40	7.38	9.55	24.80	0.06	19.8	-128.4	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

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:	West of rubber strips near HCS	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	TW-16-03			Date	8-18-20
Project Name/Location	Ford LTP			Weather	65 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.70	Total Depth (ft-bmp)	18.75	Water Column (ft.)	13.05	Gallons in Well	2.12
		Pump Intake (ft-bmp)	14.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.91				
Sample Time: Label	10:05	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	9:20						
Purge End	10:08						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:22	0	180	5.75	0.00	7.16	2.61	3.41	1.33	15.6	-12.0	Clear	No Odor
9:27	5	180	5.76	0.24	6.79	2.55	0.06	0.48	15.6	-18.7	Clear	No Odor
9:32	5	180	5.76	0.48	6.83	2.45	1.93	0.25	16.0	-34.0	Clear	No Odor
9:37	5	180	5.76	0.72	6.87	2.41	2.05	0.26	16.1	-39.0	Clear	No Odor
9:42	5	180	5.76	0.96	6.87	2.35	5.92	0.22	16.1	-41.4	Clear	No Odor
9:47	5	180	5.76	1.20	6.86	2.23	4.84	0.18	16.0	-42.4	Clear	No Odor
9:52	5	180	5.76	1.44	6.86	2.18	4.36	0.15	16.3	-44.0	Clear	No Odor
9:57	5	180	5.76	1.68	6.87	2.15	4.53	0.13	16.2	-45.6	Clear	No Odor
10:02	5	180	5.76	1.92	6.90	2.14	4.33	0.14	16.5	-48.5	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

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

Well Information

Well Location:	Onsite in swamp area. Heavy vegetation	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	TW-16-04			Date	8-18-20
Project Name/Location	Ford LTP			Weather	68 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.09	Total Depth (ft-bmp)	18.95	Water Column (ft.)	12.86	Gallons in Well	2.09
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.69				
Sample Time: Label	11:10	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:34						
Purge End	11:15						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:36	0	180	6.12	0.00	6.90	2.25	0.02	1.89	17.2	-37.3	Clear	No Odor
10:41	5	180	6.11	0.24	6.81	2.22	12.50	0.32	17.3	-40.6	Clear,Small Orange Particulates	No Odor
10:46	5	180	6.11	0.48	6.90	1.99	9.16	0.24	18.0	-51.7	Clear,Small Orange Particulates	No Odor
10:51	5	180	6.11	0.72	6.92	1.96	0.02	0.22	18.1	-53.9	Clear,Small Orange Particulates	No Odor
10:56	5	180	6.11	0.96	6.89	1.86	0.02	0.16	17.6	-52.4	Clear	No Odor
11:01	5	180	6.11	1.20	6.88	1.83	2.44	0.15	17.8	-54.7	Clear,Small Orange Particulates	No Odor
11:06	5	180	6.11	1.44	6.93	1.81	1.58	0.12	17.7	-58.5	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

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:	Swampy area NW within test track	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

APPENDIX B

Off-Site Residential Monitoring Wells

This document is a DRAFT document that has not received approval from 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.

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30050315 COORDINATE SYSTEM: GCS North American 1983
T:_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEC\3Q_2020\Shallow_MW_3q2020_Results.mxd PLOTTED: 10/12/2020 1:44:37 PM BY: mai00749

LEGEND

- RESULT EITHER NON-DETECT OR DETECTED BELOW THE MOST RESTRICTIVE CRITERIA
- RESULT EXCEEDS MOST RESTRICITIVE CRITERIA FOR AT LEAST ONE COMPOUND
- MONITORING WELL NOT SAMPLED

BOUNDARIES

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY

NOTES:
ANALYTICAL DATA FROM THE THIRD QUARTER (3Q) 2020 SAMPLING EVENT IS SHOWN IN THE FIGURE.

DATA BOXES CONTAIN EXCEEDANCES OF THE MOST RESTRICTIVE CRITERIA (RESIDENTIAL TDL OF 1.0 µg/L) FOR VC FROM SHALLOW MONITORING WELLS ONLY.

ANALYTICAL METHOD: 8260B FOR VOLATILE ORGANIC COMPOUNDS

µg/L: MICROGRAMS PER LITER

VC: VINYL CHLORIDE

MW: MONITORING WELL

TDL: TARGET DETECTION LIMIT

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

0 540 1,080
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

3Q2020 SHALLOW MONITORING WELL RESULTS

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1

Appendix B
Summary of Off-Site Groundwater Sampling Results -3Q2020
Ford Livonia Transmission Plant

Analytical Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria	Location:	MW-72	MW-72S	MW-73D	MW-73SR	MW-74	MW-74S	MW-75D	MW-75SR	MW-76	MW-76S	MW-77	MW-77S	MW-78	MW-78S	MW-79D
				Date:	8/12/2020	8/14/2020	8/12/2020	8/12/2020	8/12/2020	8/12/2020	8/11/2020	8/11/2020	8/10/2020	8/10/2020	8/6/2020	8/6/2020	8/5/2020	8/5/2020	8/6/2020
				Screen Interval (ft. bgs):	15-20	3-13	13.5-18.5	2.5-12.5	14-19	3-13	12-17	2.5-12.5	15-20	4.5-14.5	9-14	2.5-12.5	7-12	2.5-12.5	10-15
SW-846 Method 8260B SIM	1,4-Dioxane	7.2*	350		< 2.0	< 2.0	2.5	< 2.0	1.7 J	< 2.0	2.2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.3 J
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	cis-1,2-Dichloroethene	70	70		< 1.0	< 1.0	< 1.0	1.3	0.59 J	0.43 J	< 1.0	< 1.0	1.0	< 1.0	0.74 J	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	trans-1,2-Dichloroethene	100	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
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Vinyl chloride	1.0**	2.0		**1.8**	< 1.0	< 1.0	< 1.0	**2.9**	< 1.0	**2.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.4**

Analytical Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria	Location:	MW-79SR	MW-80SR	MW-81	MW-81S	MW-82D	MW-82SR	MW-83	MW-83S	MW-84	MW-84S	MW-85	MW-85SR	MW-86	MW-86S	MW-87
				Date:	8/6/2020	8/4/2020	8/18/2020	8/18/2020	8/11/2020	8/11/2020	8/11/2020	8/11/2020	8/5/2020	8/5/2020	8/14/2020	8/14/2020	8/7/2020	8/7/2020	8/6/2020
				Screen Interval (ft. bgs):	2.5-12.5	2.5-12.5	8-13	2.5-12.5	18-23	5-15	8-13	3-13	8-13	2.5-12.5	8-13	4.5-9.5	12-17	2.5-12.5	14-19
SW-846 Method 8260B SIM	1,4-Dioxane	7.2*	350		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.93 J	< 2.0	< 2.0	< 2.0	< 2.0
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	cis-1,2-Dichloroethene	70	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
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	trans-1,2-Dichloroethene	100	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
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Vinyl chloride	1.0**	2.0		< 1.0	**4.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**5.4**	**2.2**	< 1.0	< 1.0	< 1.0

Analytical Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria	Location:	MW-87S	MW-88S	MW-89S	MW-90S	MW-91S	MW-92S	MW-93S	MW-94S	MW-95S	MW-96S	MW-97S	MW-98S	MW-99S	MW-100S	MW-101S
				Date:	8/6/2020	8/10/2020	8/21/2020	8/24/2020	8/13/2020	8/20/2020	8/25/2020	8/25/2020	8/19/2020	8/3/2020	8/5/2020	8/5/2020	8/11/2020	8/11/2020	8/10/2020
				Screen Interval (ft. bgs):	4.5-14.5	3-13	3-13	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	3-13	3-13	4.5-14.5
SW-846 Method 8260B SIM	1,4-Dioxane	7.2*	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
SW-846 Method 8260B	1,1-Dichloroethene	7.0	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
SW-846 Method 8260B	cis-1,2-Dichloroethene	70	70		< 1.0	< 1.0	0.43 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	trans-1,2-Dichloroethene	100	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
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Vinyl chloride	1.0**	2.0		< 1.0	< 1.0	**1.9**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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 -3Q2020
Ford Livonia Transmission Plant

Analytical Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria	Location: MW-102	MW-102S	MW-103S	MW-104S	MW-105S	MW-106S	MW-107S	MW-108S	MW-109S	MW-110S	MW-111S	MW-112S	MW-115S	MW-116S	MW-117S
				Date: 8/14/2020	8/14/2020	8/20/2020	8/7/2020	8/14/2020	8/5/2020	8/4/2020	8/14/2020	8/20/2020	8/7/2020	8/4/2020	8/11/2020	8/19/2020	8/12/2020	8/19/2020
				Screen Interval (ft. bgs): 10-15	2.5-12.5	2-7	9-14	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	8-13	8-13	2.5-12.5	2.5-12.5	3-13	2.5-12.5
SW-846 Method 8260B SIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.2 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	cis-1,2-Dichloroethene	70	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
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	trans-1,2-Dichloroethene	100	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
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Vinyl chloride	1.0**	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	**1.3**	< 1.0	< 1.0

Analytical Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria	Location: MW-118S	MW-119S	MW-121S	MW-123S	MW-125	MW-125S	MW-126S	MW-127S	MW-128S	MW-129	MW-129S	MW-130S	MW-131S	MW-132S	MW-133S
				Date: 8/19/2020	8/18/2020	8/13/2020	8/19/2020	8/20/2020	8/20/2020	8/6/2020	8/24/2020	8/4/2020	NS	NS	NS	8/17/2020	8/13/2020	8/10/2020
				Screen Interval (ft. bgs): 2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	7-12	2-7	3-13	3-13	4-14	10-15	2-7	3-13	2.5-12.5	2.5-12.5	4-9
SW-846 Method 8260B SIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0	1.0 J	< 2.0	< 2.0	< 2.0	1.0 J	< 2.0	NS	NS	NS	1.1 J	< 2.0	< 2.0
SW-846 Method 8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	NS	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	< 1.0	**4.4**	< 1.0	< 1.0	< 1.0	**2.0**	< 1.0	NS	NS	NS	1.0	< 1.0	< 1.0

Analytical Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria	Location: MW-134S	MW-135S	MW-136S	MW-137S	MW-138S	MW-139S	MW-140S	MW-141S	MW-142S	MW-143S	MW-144S	MW-145S	MW-146S	MW-147S	MW-148S
				Date: 8/7/2020	8/5/2020	8/4/2020	8/4/2020	8/5/2020	8/6/2020	8/6/2020	8/6/2020	8/14/2020	8/4/2020	8/5/2020	8/5/2020	8/20/2020	8/20/2020	8/21/2020
				Screen Interval (ft. bgs): 5-10	5-10	2-7	2-7	2-7	2-7	2-7	3-8	2.5-7.5	5.5-10.5	7-12	6-11	6-11	2-7	2-7
SW-846 Method 8260B SIM	1,4-Dioxane	7.2*	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	1.9 J	< 2.0	< 2.0
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	cis-1,2-Dichloroethene	70	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
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	trans-1,2-Dichloroethene	100	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
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	< 1.0	0.54 J	**2.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.4**	**1.7**

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
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Appendix B
Summary of Off-Site Groundwater Sampling Results -3Q2020
Ford Livonia Transmission Plant

Analytical Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria	Location: MW-149S	MW-150S	MW-151S	MW-152S	MW-153S	MW-154S	MW-155S	MW-156S	MW-157S	MW-158S	MW-159S	MW-160S	MW-161S	MW-162S	MW-163S
				Date: 8/24/2020	8/25/2020	8/24/2020	8/25/2020	NS	8/27/2020	8/26/2020	8/19/2020	8/19/2020	8/20/2020	8/21/2020	NS	8/12/2020	8/24/2020	8/24/2020
				Screen Interval (ft. bgs): 2-7	2-7	2.5-7.5	2.5-7.5	2-7	2-7	2-7	3-8	2.5-7.5	2.5-7.5	4-9	4-9	2.5-7.5	3-8	2-7
SW-846 Method 8260B SIM	1,4-Dioxane	7.2*	350	1.1 J	< 2.0	< 2.0	< 2.0	NS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NS	< 2.0	< 2.0	< 2.0
SW-846 Method 8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Vinyl chloride	1.0**	2.0	**2.3**	< 1.0	**1.4**	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0

Analytical Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria	Location: 149S	MW-165S	MW-166S	MW-167S	MW-168S	MW-169S	MW-170S	MW-171S	MW-172S	MW-173S	MW-174S	MW-175S	MW-176S	MW-177S	MW-178S
				Date: 8/13/2020	8/12/2020	8/5/2020	8/5/2020	8/21/2020	8/21/2020	8/12/2020	8/21/2020	8/13/2020	8/25/2020	8/13/2020	NS	8/13/2020	8/18/2020	8/18/2020
				Screen Interval (ft. bgs): 3-8	2-7	6-11	5-10	2-7	2-7	4.5-9.5	2-7	4.5-9.5	5.5-10.5	5.5-10.5	6-11	5-10	4-9	4.5-9.5
SW-846 Method 8260B SIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NS	< 2.0	< 2.0	< 2.0
SW-846 Method 8260B	1,1-Dichloroethene	7.0	7.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NS	< 1.0 J	< 1.0	< 1.0
SW-846 Method 8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	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	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	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	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0

Analytical Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria	Location: MW-179S	MW-180SR	MW-181S	MW-182S	MW-183S	MW-184S	MW-185S	MW-186S	MW-187	MW-187S	MW-188S	MW-189	MW-189S	MW-190	MW-190S
				Date: 8/10/2020	8/12/2020	8/10/2020	8/6/2020	8/6/2020	8/18/2020	8/12/2020	8/19/2020	8/19/2020	8/19/2020	8/19/2020	8/18/2020	8/18/2020	8/27/2020	8/27/2020
				Screen Interval (ft. bgs): 6-11	6.5-11.5	3.5-8.5	4-9	8-13	4.5-9.5	6-11	2-7.5	8-13	3-8	10-15	10-15	4.5-95	9-14	2.5-7.5
SW-846 Method 8260B SIM	1,4-Dioxane	7.2*	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	< 4.0	1.1 J	< 2.0
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	cis-1,2-Dichloroethene	70	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	2.2 J	1.4
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	trans-1,2-Dichloroethene	100	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
SW-846 Method 8260B	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Vinyl chloride	1.0**	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	0.30 J	< 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 -3Q2020
Ford Livonia Transmission Plant

			Location:	MW-191S	MW-192S	MW-193S	MW-207S
			Date:	8/27/2020	8/5/2020	8/12/2020	8/6/2020
			Screen Interval (ft. bgs):	2.5-7.5	2.5-7.5	3-8	4.5-9.5
Analytical Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria				
SW-846 Method 8260B SIM	1,4-Dioxane	7.2*	350	1.5 J	< 2.0	< 2.0	< 2.0
SW-846 Method 8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	cis-1,2-Dichloroethene	70	70	6.1	< 1.0 UB	< 1.0	< 1.0
SW-846 Method 8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Trichloroethene	1.0**	5.0	0.38 J	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	< 1.0	< 1.0

			Location:	MW-214S	MW-215S	MW-216S
			Date:	8/10/2020	8/10/2020	8/12/2020
			Screen Interval (ft. bgs):	5.5-10.5	3-8	6-11
Analytical Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria			
SW-846 Method 8260B SIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0
SW-846 Method 8260B	1,1-Dichloroethene	7.0	7.0	< 5.0	< 1.0	< 1.0
SW-846 Method 8260B	cis-1,2-Dichloroethene	70	70	< 5.0	< 1.0	< 1.0
SW-846 Method 8260B	Tetrachloroethene	5.0	5.0	< 5.0	< 1.0	< 1.0
SW-846 Method 8260B	trans-1,2-Dichloroethene	100	100	< 5.0	< 1.0	< 1.0
SW-846 Method 8260B	Trichloroethene	1.0**	5.0	< 5.0	< 1.0	< 1.0
SW-846 Method 8260B	Vinyl chloride	1.0**	2.0	< 5.0	< 1.0	< 1.0

			Location:	MW-217S	MW-223S	MW-225S
			Date:	8/12/2020	8/10/2020	8/7/2020
			Screen Interval (ft. bgs):	6-11	8.5-13.5	5.5-10.5
Analytical Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria			
SW-846 Method 8260B SIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0
SW-846 Method 8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0
SW-846 Method 8260B	Vinyl chloride	1.0**	2.0	< 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 C

Off-Site Groundwater Field Sampling Logs

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-72			Date	8-12-20
Project Name/Location	Ford LTP			Weather	84 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)	8.60	Total Depth (ft-bmp)	19.65	Water Column (ft.)	11.05	Gallons in Well	1.80
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.87				
Sample Time: Label	16:16	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-10	Sampled by	Gary Schafer
Purge Start	15:15						
Purge End	16:22						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:15	0	100	8.65	0.00	7.46	9.45	4.33	0.20	19.6	110.5	Cloudy	No Odor
15:20	5	100	8.65	0.13	7.50	9.47	1.52	0.20	19.3	68.2	Clear	No Odor
15:25	5	100	8.65	0.26	7.38	9.56	2.02	0.20	19.1	40.2	Clear	No Odor
15:30	5	100	8.65	0.39	7.43	9.52	2.00	0.15	19.1	30.4	Clear	No Odor
15:35	5	100	8.65	0.52	7.43	9.53	0.94	0.22	19.2	14.1	Clear	No Odor
15:40	5	100	8.65	0.65	7.45	9.51	0.72	0.18	19.6	-7.1	Clear	No Odor
15:45	5	100	8.65	0.78	7.45	9.58	0.02	0.18	19.2	-22.7	Clear	No Odor
15:50	5	100	8.65	0.91	7.45	9.58	0.29	0.18	19.5	-36.9	Clear	No Odor
15:55	5	100	8.65	1.04	7.46	9.57	0.53	0.17	19.7	-46.6	Clear	No Odor
16:00	5	100	8.65	1.17	7.46	9.56	0.11	0.19	20.0	-54.7	Clear	No Odor
16:05	5	100	8.65	1.30	7.47	9.58	1.02	0.19	19.7	-63.5	Clear	No Odor
16:10	5	100	8.65	1.43	7.46	9.59	1.26	0.17	19.3	-67.0	Clear	No Odor
16:15	5	100	8.65	1.56	7.45	9.59	0.26	0.18	19.7	-77.8	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	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:	MW-72; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-72S			Date	8-14-20
Project Name/Location	Ford LTP			Weather	75 degrees F, Partly 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)	8.90	Total Depth (ft-bmp)	13.02	Water Column (ft.)	4.12	Gallons in Well	0.67
		Pump Intake (ft-bmp)	10.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.55				
Sample Time: Label	10:56	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:15						
Purge End	11:01						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	100	8.95	0.00	7.46	3.84	80.80	1.21	20.7	271.8	Small Orange Particulates, Turbid	No Odor
10:20	5	100	8.95	0.13	7.42	3.77	31.30	1.03	20.5	269.7	Clear,Small Orange Particulates	No Odor
10:25	5	100	8.95	0.26	7.37	3.71	10.70	1.17	20.4	257.4	Clear,Small Orange Particulates	No Odor
10:30	5	100	8.95	0.39	7.22	3.62	11.00	1.28	20.3	245.6	Clear,Small Orange Particulates	No Odor
10:35	5	100	8.95	0.52	7.20	3.54	6.04	1.24	20.3	241.0	Clear,Small Orange Particulates	No Odor
10:40	5	100	8.95	0.65	7.20	3.56	5.43	1.24	20.3	241.0	Clear	No Odor
10:45	5	100	8.95	0.78	7.21	3.50	3.07	1.25	20.3	215.2	Clear	No Odor
10:50	5	100	8.95	0.91	7.21	3.49	2.84	1.25	20.5	211.9	Clear	No Odor
10:55	5	100	8.95	1.04	7.22	3.49	3.48	1.26	20.7	209.5	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

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-72S; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-73D			Date	8-12-20
Project Name/Location	Ford LTP			Weather	79 degrees F, Mostly Cloudy		
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)	6.48	Total Depth (ft-bmp)	18.80	Water Column (ft.)	12.32	Gallons in Well	2.00
		Pump Intake (ft-bmp)	16.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.78				
Sample Time: Label	13:46	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:45						
Purge End	13:54						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	100	6.48	0.00	7.50	7.64	49.90	0.65	20.1	130.0	Cloudy	No Odor
12:50	5	100	6.53	0.13	7.41	7.69	31.00	0.38	19.9	90.9	Turbid	No Odor
12:55	5	100	6.55	0.26	7.42	7.62	20.00	0.31	20.2	68.8	Turbid	No Odor
13:00	5	100	6.55	0.39	7.43	7.68	10.80	0.30	20.3	49.4	Turbid	No Odor
13:05	5	100	6.55	0.52	7.41	7.66	8.03	0.28	19.5	37.8	Clear	No Odor
13:10	5	100	6.55	0.65	7.40	7.69	11.60	0.25	19.5	26.2	Clear	No Odor
13:15	5	100	6.55	0.78	7.40	7.69	8.99	0.22	19.4	17.3	Clear	No Odor
13:20	5	100	6.55	0.91	7.39	7.70	4.99	0.18	19.5	9.5	Clear	No Odor
13:25	5	100	6.55	1.04	7.40	7.91	3.35	0.16	19.5	1.2	Clear	No Odor
13:30	5	100	6.55	1.17	7.39	7.92	5.09	0.15	19.5	2.7	Clear	No Odor
13:35	5	100	6.55	1.30	7.40	7.95	2.52	0.17	20.5	41.8	Clear	No Odor
13:40	5	100	6.55	1.43	7.39	7.96	2.27	0.15	19.9	1.9	Clear	No Odor
13:45	5	100	6.55	1.56	7.40	7.98	2.12	0.14	19.4	-14.8	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

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-73D; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-73SR			Date	8-12-20
Project Name/Location	Ford LTP			Weather	83 degrees F, Mostly 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)	6.50	Total Depth (ft-bmp)	12.38	Water Column (ft.)	5.88	Gallons in Well	0.96
		Pump Intake (ft-bmp)	8.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.81				
Sample Time: Label	14:36	Volume Purged	0.78 gallons	Replicate/Code No.	DUP-11	Sampled by	Gary Schafer
Purge Start	14:05						
Purge End	14:48						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:05	0	100	6.50	0.00	7.10	3.80	1.43	0.84	22.0	11.3	Clear	No Odor
14:10	5	100	6.50	0.13	7.11	5.71	0.60	0.24	22.7	12.8	Clear	No Odor
14:15	5	100	6.50	0.26	7.14	5.76	1.21	0.32	21.1	-1.1	Clear	No Odor
14:20	5	100	6.50	0.39	7.15	6.79	2.00	0.17	22.3	6.6	Clear	No Odor
14:25	5	100	6.50	0.52	7.14	7.03	1.82	0.14	22.1	1.4	Clear	No Odor
14:30	5	100	6.50	0.65	7.15	7.06	0.98	0.13	22.1	-2.0	Clear	No Odor
14:35	5	100	6.50	0.78	7.15	7.08	1.29	0.13	22.0	-6.5	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	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:	MW-73SR; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-74			Date	8-12-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly 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)	7.28	Total Depth (ft-bmp)	18.80	Water Column (ft.)	11.52	Gallons in Well	1.87
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.83				
Sample Time: Label	10:56	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:55						
Purge End	11:01						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	100	7.30	0.00	7.23	6.26	11.70	0.75	18.6	178.2	Cloudy	No Odor
10:00	5	100	7.30	0.13	7.32	6.18	2.12	0.40	18.3	140.3	Clear	No Odor
10:05	5	100	7.30	0.26	7.36	6.58	3.59	0.41	18.4	111.5	Clear	No Odor
10:10	5	100	7.31	0.39	7.36	6.83	5.37	0.38	18.3	97.0	Clear	No Odor
10:15	5	100	7.31	0.52	7.36	7.02	2.38	0.32	18.4	83.3	Clear	No Odor
10:20	5	100	7.31	0.65	7.37	7.08	1.76	0.33	18.2	69.1	Clear	No Odor
10:25	5	100	7.32	0.78	7.36	7.45	2.94	0.38	18.3	52.4	Clear	No Odor
10:30	5	100	7.32	0.91	7.36	7.48	3.96	0.88	18.3	44.0	Clear	No Odor
10:35	5	100	7.32	1.04	7.33	7.54	2.82	0.87	18.4	32.3	Clear	No Odor
10:40	5	100	7.32	1.17	7.30	7.58	1.94	0.89	18.4	23.1	Clear	No Odor
10:45	5	100	7.32	1.30	7.30	7.60	2.48	0.81	18.5	13.8	Clear	No Odor
10:50	5	100	7.32	1.43	7.29	7.64	1.89	0.91	18.5	13.1	Clear	No Odor
10:55	5	100	7.32	1.56	7.33	1.52	0.28	0.92	18.5	14.7	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
1,1-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-74; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-74S			Date	8-12-20
Project Name/Location	Ford LTP			Weather	76 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)	7.30	Total Depth (ft-bmp)	12.78	Water Column (ft.)	5.48	Gallons in Well	0.89
		Pump Intake (ft-bmp)	8.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.61				
Sample Time: Label	12:11	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:15						
Purge End	12:17						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	100	7.30	0.00	6.99	2.34	0.38	0.80	21.7	33.7	Clear	No Odor
11:20	5	100	7.30	0.13	6.80	2.87	0.66	0.41	21.7	35.4	Clear	No Odor
11:25	5	100	7.30	0.26	6.81	3.58	0.10	0.31	21.5	41.2	Clear	No Odor
11:30	5	100	7.30	0.39	6.89	3.97	0.14	0.33	21.5	59.4	Clear	No Odor
11:35	5	100	7.30	0.52	6.90	3.92	0.21	0.56	21.7	97.5	Clear	No Odor
11:40	5	100	7.30	0.65	6.91	3.91	0.21	0.51	21.7	103.9	Clear	No Odor
11:45	5	100	7.30	0.78	6.97	3.85	0.02	0.48	22.1	113.9	Clear	No Odor
11:50	5	100	7.30	0.91	6.98	3.85	0.02	0.47	22.2	66.1	Clear	No Odor
11:55	5	100	7.30	1.04	6.98	3.85	0.02	0.47	22.7	43.0	Clear	No Odor
12:00	5	100	7.30	1.17	6.99	3.86	0.02	0.38	21.4	64.2	Clear	No Odor
12:05	5	100	7.30	1.30	6.99	3.96	0.02	0.28	21.5	56.9	Clear	No Odor
12:10	5	100	7.30	1.43	6.99	3.94	0.02	0.27	21.6	55.0	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

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-74S; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-75D			Date	8-11-20
Project Name/Location	Ford LTP			Weather	81 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)	5.95	Total Depth (ft-bmp)	16.66	Water Column (ft.)	10.71	Gallons in Well	1.74
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97				
Sample Time: Label	12:41	Volume Purged	1.69 gallons	Replicate/Code No.	DUP-12	Sampled by	Gary Schafer
Purge Start	11:35						
Purge End	12:55						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	100	5.90	0.00	7.78	6.75	595.00	0.55	19.2	117.0	Cloudy	Faint Odor
11:40	5	100	5.90	0.13	7.89	6.68	498.00	0.53	19.6	-51.7	Cloudy	Faint Odor
11:45	5	100	5.90	0.26	7.90	6.70	450.00	0.49	19.8	-72.7	Cloudy	Faint Odor
11:50	5	100	5.90	0.39	7.90	6.71	476.00	0.55	20.0	-92.5	Cloudy	Faint Odor
11:55	5	100	5.90	0.52	7.90	6.59	506.00	0.35	19.1	-128.9	Cloudy	Faint Odor
12:00	5	100	5.93	0.65	7.92	6.64	405.00	0.23	18.8	-159.7	Cloudy	Faint Odor
12:05	5	100	5.93	0.78	7.91	6.55	427.00	0.22	18.9	-144.1	Cloudy	Faint Odor
12:10	5	100	5.93	0.91	7.92	6.51	372.00	0.21	19.1	-156.0	Cloudy	Faint Odor
12:15	5	100	5.93	1.04	7.92	6.42	339.00	0.19	18.9	-161.2	Cloudy	Faint Odor
12:20	5	100	5.93	1.17	7.91	6.35	320.00	0.18	19.0	-159.1	Cloudy	Faint Odor
12:25	5	100	5.93	1.30	7.91	6.28	259.00	0.14	18.7	-154.5	Cloudy	Faint Odor
12:30	5	100	5.93	1.43	7.90	6.19	228.00	0.14	18.8	-154.1	Cloudy	Faint Odor
12:35	5	100	5.93	1.56	7.90	6.20	209.00	0.25	18.7	-152.2	Cloudy	No Odor
12:40	5	100	5.93	1.69	7.90	6.05	249.00	0.14	19.2	-157.4	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
1,1-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:	MW-75D; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-75SR			Date	8-11-20
Project Name/Location	Ford LTP			Weather	82 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)	5.92	Total Depth (ft-bmp)	12.38	Water Column (ft.)	6.46	Gallons in Well	1.05
		Pump Intake (ft-bmp)	7.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.49				
Sample Time: Label	14:21	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:20						
Purge End	14:28						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	100	5.92	0.00	7.13	1.07	1.56	0.48	22.8	15.2	Clear	No Odor
13:25	5	100	5.92	0.13	7.24	1.23	1.05	0.22	22.0	9.7	Clear	No Odor
13:30	5	100	5.93	0.26	7.28	1.30	0.94	0.19	22.1	-0.1	Clear	No Odor
13:35	5	100	5.93	0.39	7.50	1.36	0.74	0.21	22.7	-13.2	Clear	No Odor
13:40	5	100	5.93	0.52	7.48	1.39	0.38	0.20	22.1	-8.7	Clear	No Odor
13:45	5	100	5.93	0.65	7.49	1.44	0.76	0.19	22.4	-15.7	Clear	No Odor
13:50	5	100	5.93	0.78	7.48	1.50	0.53	0.21	22.7	-25.3	Clear	No Odor
13:55	5	100	5.93	0.91	7.46	1.56	0.62	0.19	22.2	-14.7	Clear	No Odor
14:00	5	100	5.93	1.04	7.47	1.63	0.98	0.18	22.2	-17.3	Clear	No Odor
14:05	5	100	5.93	1.17	7.50	1.70	0.30	0.18	22.2	-20.6	Clear	No Odor
14:10	5	100	5.93	1.30	7.50	1.75	0.83	0.17	22.3	-22.4	Clear	No Odor
14:15	5	100	5.93	1.43	7.48	1.78	0.38	0.17	22.3	-25.6	Clear	No Odor
14:20	5	100	5.93	1.56	7.49	1.77	0.54	0.15	22.2	-26.1	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

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-75SR; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-76			Date	8-10-20
Project Name/Location	Ford LTP			Weather	76 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)	9.36	Total Depth (ft-bmp)	19.65	Water Column (ft.)	10.29	Gallons in Well	1.67
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.54				
Sample Time: Label	10:51	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:15						
Purge End	11:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	100	9.36	0.00	7.44	12.80	0.10	0.69	19.1	261.5	Clear	No Odor
10:20	5	100	9.36	0.13	7.49	12.57	0.02	0.49	19.2	249.7	Clear	No Odor
10:25	5	100	9.36	0.26	7.60	11.64	0.02	0.40	19.0	239.9	Clear	No Odor
10:30	5	100	9.37	0.39	7.64	11.07	0.02	0.30	19.1	243.0	Clear	No Odor
10:35	5	100	9.37	0.52	7.65	10.58	0.02	0.28	18.9	232.3	Clear	No Odor
10:40	5	100	9.37	0.65	7.66	9.93	0.17	0.26	18.8	231.1	Clear	No Odor
10:45	5	100	9.37	0.78	7.67	9.69	0.03	0.26	18.8	229.7	Clear	No Odor
10:50	5	100	9.37	0.91	7.67	9.65	1.51	0.24	18.8	229.5	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

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-76; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-76S			Date	8-10-20
Project Name/Location	Ford LTP			Weather	79 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.27	Total Depth (ft-bmp)	14.19	Water Column (ft.)	4.92	Gallons in Well	0.80
		Pump Intake (ft-bmp)	10.77	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.95				
Sample Time: Label	12:21	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:20						
Purge End	12:30						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	100	9.28	0.00	7.40	2.50	48.50	2.60	20.6	217.6	Cloudy	No Odor
11:25	5	100	9.28	0.13	7.38	2.47	48.00	2.06	20.4	210.9	Cloudy	No Odor
11:30	5	100	9.28	0.26	7.42	2.46	40.00	1.33	20.0	189.0	Cloudy	No Odor
11:35	5	100	9.28	0.39	7.40	2.47	24.00	1.28	20.0	179.7	Cloudy	No Odor
11:40	5	100	9.28	0.52	7.42	2.49	20.30	1.25	20.0	173.6	Clear	No Odor
11:45	5	100	9.28	0.65	7.44	2.53	17.00	1.20	19.9	161.1	Clear	No Odor
11:50	5	100	9.29	0.78	7.44	2.55	13.60	1.22	19.9	153.8	Clear	No Odor
11:55	5	100	9.29	0.91	7.46	2.56	10.10	1.10	20.6	141.3	Clear	No Odor
12:00	5	100	9.29	1.04	7.45	2.60	8.76	1.03	20.7	128.8	Clear	No Odor
12:05	5	100	9.29	1.17	7.46	2.63	7.03	0.97	20.6	123.2	Clear	No Odor
12:10	5	100	9.29	1.30	7.47	2.65	5.82	0.96	20.6	113.6	Clear	No Odor
12:15	5	100	9.29	1.43	7.48	2.68	4.69	0.96	20.5	108.0	Clear	No Odor
12:20	5	100	9.29	1.56	7.48	2.68	1.66	0.96	20.7	101.0	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

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-76S; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-77			Date	8-6-20
Project Name/Location	Ford LTP			Weather	75 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.36	Total Depth (ft-bmp)	13.70	Water Column (ft.)	8.34	Gallons in Well	1.36
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.15				
Sample Time: Label	13:31	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:30						
Purge End	13:37						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	100	5.36	0.00	7.35	1.81	16.10	1.57	20.3	167.1	Clear,Small White Particulates	No Odor
12:35	5	100	5.38	0.13	7.29	1.75	11.50	0.45	19.3	150.2	Clear,Small White Particulates	No Odor
12:40	5	100	5.38	0.26	7.33	1.60	9.02	0.29	19.0	126.5	Clear,Small White Particulates	No Odor
12:45	5	100	5.38	0.39	7.40	1.44	5.60	0.23	19.2	104.5	Clear,Small White Particulates	No Odor
12:50	5	100	5.38	0.52	7.44	1.31	3.36	0.22	19.0	80.2	Clear	No Odor
12:55	5	100	5.38	0.65	7.38	1.22	1.57	0.20	18.8	63.1	Clear	No Odor
13:00	5	100	5.38	0.78	7.40	1.21	1.48	0.22	18.9	48.4	Clear	No Odor
13:05	5	100	5.38	0.91	7.46	1.19	1.75	0.22	19.1	27.3	Clear	No Odor
13:10	5	100	5.38	1.04	7.47	1.18	0.60	0.23	19.2	13.6	Clear	No Odor
13:15	5	100	5.38	1.17	7.48	1.17	0.38	0.21	19.2	2.5	Clear	No Odor
13:20	5	100	5.38	1.30	7.45	1.18	0.54	0.23	19.2	-10.1	Clear	No Odor
13:25	5	100	5.38	1.43	7.47	1.16	0.47	0.23	19.0	-18.9	Clear	No Odor
13:30	5	100	5.38	1.56	7.46	1.18	0.35	0.25	19.5	-21.1	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

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-77; Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-77S			Date	8-6-20
Project Name/Location	Ford LTP			Weather	75 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)	5.25	Total Depth (ft-bmp)	12.17	Water Column (ft.)	6.92	Gallons in Well	1.12
		Pump Intake (ft-bmp)	6.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.93				
Sample Time: Label	14:21	Volume Purged	1.04 gallons	Replicate/Code No.	MW-77S-MS_080620, MW-77S-MSD_080620	Sampled by	Gary Schafer
Purge Start	13:59						
Purge End	14:50						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:00	0	100	5.28	0.00	7.29	0.51	23.90	0.36	20.7	17.7	Cloudy	No Odor
14:05	5	100	5.30	0.13	7.32	0.51	16.10	0.23	20.6	12.3	Clear	No Odor
14:10	5	100	5.30	0.26	7.39	0.51	8.90	0.26	20.6	6.7	Clear	No Odor
14:15	5	100	5.30	0.39	7.42	0.52	5.56	0.24	20.5	4.2	Clear	No Odor
14:20	5	100	5.30	0.52	7.40	0.53	3.09	0.22	20.4	4.2	Clear	No Odor
14:25	5	100	5.30	0.65	7.40	0.54	4.22	0.22	20.2	4.2	Clear	No Odor
14:30	5	100	5.30	0.78	7.37	0.55	3.58	0.23	20.1	6.0	Clear	No Odor
14:35	5	100	5.30	0.91	7.37	0.56	2.49	0.22	20.2	4.1	Clear	No Odor
14:40	5	100	5.30	1.04	7.44	0.56	2.19	0.23	20.3	0.8	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	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:	MW-77S; Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-78			Date	8-5-20
Project Name/Location	Ford LTP			Weather	72 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)	3.10	Total Depth (ft-bmp)	11.76	Water Column (ft.)	8.66	Gallons in Well	1.41
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.02				
Sample Time: Label	12:40	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:04						
Purge End	12:45						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:08	0	180	3.10	0.00	7.29	4.37	15.80	1.11	18.3	-50.8	Clear,Small Orange Particulates	No Odor
12:13	5	180	3.10	0.24	7.30	4.27	4.17	0.27	18.2	-75.0	Clear,Small Orange Particulates	No Odor
12:18	5	180	3.10	0.48	7.33	4.20	1.10	0.26	18.4	-82.8	Clear,Small Orange Particulates	No Odor
12:23	5	180	3.10	0.72	7.35	3.54	0.02	0.16	18.1	-91.6	Clear,Small Orange Particulates	No Odor
12:28	5	180	3.10	0.96	7.38	3.10	0.02	0.18	18.2	-95.1	Clear	No Odor
12:33	5	180	3.10	1.20	7.39	3.08	0.02	0.21	18.4	-97.8	Clear	No Odor
12:38	5	180	3.10	1.44	7.39	3.09	0.02	0.19	18.0	-99.0	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 Labeled on inside

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-78 - ROW 34591 Beacon	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-78S			Date	8-5-20
Project Name/Location	Ford LTP			Weather	70 degrees F, Clear		
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)	3.39	Total Depth (ft-bmp)	12.40	Water Column (ft.)	9.01	Gallons in Well	1.46
		Pump Intake (ft-bmp)	4.89	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.99				
Sample Time: Label	11:52	Volume Purged	2.9 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:46						
Purge End	11:55						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	180	3.40	0.00	7.33	0.51	8.35	2.23	20.6	12.4	Clear	No Odor
10:55	5	180	3.41	0.24	7.15	0.54	0.92	1.13	20.2	28.6	Clear	No Odor
11:00	5	180	3.41	0.48	7.15	0.57	0.02	0.85	20.0	32.3	Clear	No Odor
11:05	5	180	3.41	0.72	7.21	0.64	0.02	0.79	20.0	32.0	Clear	No Odor
11:10	5	180	3.41	0.96	7.22	0.89	0.02	0.68	19.9	28.7	Clear	No Odor
11:15	5	180	3.41	1.20	7.30	0.99	0.02	0.66	20.1	12.3	Clear	No Odor
11:20	5	180	3.41	1.44	7.29	1.08	0.02	0.72	20.1	3.5	Clear	No Odor
11:25	5	180	3.41	1.68	7.32	1.15	0.02	0.78	20.4	-10.3	Clear	No Odor
11:30	5	180	3.41	1.92	7.30	1.29	0.02	0.73	20.0	-22.1	Clear	No Odor
11:35	5	180	3.41	2.16	7.30	1.39	0.02	0.63	20.0	-29.3	Clear	No Odor
11:40	5	200	3.41	2.40	7.32	1.49	0.02	0.63	20.0	-39.6	Clear	No Odor
11:45	5	180	3.41	2.66	7.31	1.58	0.02	0.50	19.8	-45.8	Clear	No Odor
11:50	5	180	3.41	2.90	7.31	1.62	0.02	0.62	19.8	-49.7	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 Lock off plug in well. J plug damaged. Riser too tall for lock/ 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:	MW-78S - ROW 34591 Beacon	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-79D			Date	8-6-20
Project Name/Location	Ford LTP			Weather	63 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.98	Total Depth (ft-bmp)	14.65	Water Column (ft.)	8.67	Gallons in Well	1.41
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11				
Sample Time: Label	10:01	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	8:58						
Purge End	10:07						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:00	0	100	5.98	0.00	7.02	3.78	72.10	0.70	16.8	148.1	Brown,Cloudy	Faint Odor
9:05	5	100	5.98	0.13	7.07	3.74	53.70	0.62	16.5	130.0	Cloudy,Small Brown Particulates	Faint Odor
9:10	5	100	5.98	0.26	7.09	3.63	40.00	0.89	16.4	123.4	Cloudy,Small Brown Particulates	Faint Odor
9:15	5	100	5.98	0.39	7.11	3.54	32.60	0.37	16.2	117.3	Cloudy,Small Brown Particulates	Faint Odor
9:20	5	100	5.99	0.52	7.13	3.29	24.20	0.51	16.5	108.3	Cloudy,Small Brown Particulates	Faint Odor
9:25	5	100	5.99	0.65	7.16	3.27	16.20	0.42	16.6	99.8	Clear,Small Brown Particulates	Faint Odor
9:30	5	100	5.99	0.78	7.15	3.21	15.10	0.40	16.5	95.8	Clear,Small Brown Particulates	Faint Odor
9:35	5	100	5.99	0.91	7.16	3.19	14.20	0.47	16.6	91.1	Clear,Small Brown Particulates	Faint Odor
9:40	5	100	5.99	1.04	7.16	3.18	13.00	0.34	16.6	84.1	Clear	Faint Odor
9:45	5	100	5.99	1.17	7.17	3.16	10.70	0.51	16.8	78.1	Clear	No Odor
9:50	5	100	5.99	1.30	7.16	3.19	12.10	0.43	16.5	74.1	Clear	No Odor
9:55	5	100	5.99	1.43	7.16	3.17	8.61	0.37	16.6	68.2	Clear	No Odor
10:00	5	100	5.99	1.56	7.15	3.16	9.37	0.43	16.8	65.1	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

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-79D; Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-79SR			Date	8-6-20
Project Name/Location	Ford LTP			Weather	71 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)	5.84	Total Depth (ft-bmp)	12.26	Water Column (ft.)	6.42	Gallons in Well	1.04
		Pump Intake (ft-bmp)	7.34	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.25				
Sample Time: Label	11:21	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:30						
Purge End	11:29						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	100	5.84	0.00	7.01	0.63	3.59	1.21	18.5	14.4	Clear	No Odor
10:35	5	100	5.84	0.13	6.94	0.63	1.88	1.01	18.5	29.8	Clear	No Odor
10:40	5	100	5.85	0.26	6.89	0.87	1.27	0.48	18.4	67.7	Clear	No Odor
10:45	5	100	5.85	0.39	6.92	1.05	1.08	0.34	18.3	72.0	Clear	No Odor
10:50	5	100	5.85	0.52	6.93	1.16	1.28	0.31	18.2	74.4	Clear	No Odor
10:55	5	100	5.85	0.65	6.91	1.23	0.37	0.30	18.2	73.5	Clear	No Odor
11:00	5	100	5.85	0.78	6.96	1.28	0.89	0.31	18.2	73.2	Clear	No Odor
11:05	5	100	5.86	0.91	6.95	1.40	0.44	0.27	18.3	72.9	Clear	No Odor
11:10	5	100	5.86	1.04	6.95	1.46	0.58	0.27	18.2	72.1	Clear	No Odor
11:15	5	100	5.86	1.17	6.96	1.47	0.34	0.26	18.2	70.3	Clear	No Odor
11:20	5	100	5.86	1.30	6.96	1.48	0.61	0.26	18.3	68.5	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

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-79SR; Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-80SR			Date	8-4-20
Project Name/Location	Ford LTP			Weather	67 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)	3.63	Total Depth (ft-bmp)	12.24	Water Column (ft.)	8.61	Gallons in Well	1.40
		Pump Intake (ft-bmp)	5.13	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11				
Sample Time: Label	11:21	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-09	Sampled by	Gary Schafer
Purge Start	10:20						
Purge End	11:29						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	100	3.63	0.00	6.29	1.75	48.70	0.53	20.9	154.0	Clear	No Odor
10:25	5	100	3.65	0.13	6.23	1.77	19.80	0.54	20.9	151.0	Clear	No Odor
10:30	5	100	3.66	0.26	6.15	1.81	12.90	0.30	20.8	146.2	Cloudy	No Odor
10:35	5	100	3.67	0.39	6.07	1.85	9.44	0.44	20.7	136.2	Clear	No Odor
10:40	5	100	3.68	0.52	5.97	1.86	7.51	0.21	20.7	132.7	Clear	No Odor
10:45	5	100	3.68	0.65	5.90	1.89	6.01	0.16	20.7	126.3	Clear	No Odor
10:50	5	100	3.68	0.78	5.87	1.90	5.42	0.17	20.8	119.5	Clear	No Odor
10:55	5	100	3.68	0.91	5.82	1.96	5.95	0.09	20.8	107.3	Clear	No Odor
11:00	5	100	3.68	1.04	5.80	1.94	4.82	0.11	20.8	104.6	Clear	No Odor
11:05	5	100	3.68	1.17	5.75	1.92	3.77	0.21	20.8	100.7	Clear	No Odor
11:10	5	100	3.68	1.30	5.67	1.91	2.50	0.18	20.9	112.3	Clear	No Odor
11:15	5	100	3.69	1.43	5.60	1.91	2.13	0.19	20.7	100.9	Clear	No Odor
11:20	5	100	3.69	1.56	5.62	1.90	2.00	0.20	20.7	110.1	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

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-80SR; Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-81			Date	8-18-20
Project Name/Location	Ford LTP			Weather	65 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)	7.35	Total Depth (ft-bmp)	12.70	Water Column (ft.)	5.35	Gallons in Well	0.87
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.34				
Sample Time: Label	11:06	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:20						
Purge End	11:11						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	100	7.64	0.00	7.13	1.47	1.46	0.77	17.8	193.5	Clear,Turbid	No Odor
10:25	5	100	7.64	0.13	7.12	1.46	2.52	0.77	17.8	194.1	Clear	No Odor
10:30	5	100	7.64	0.26	7.11	1.44	0.99	0.77	17.8	192.9	Clear	No Odor
10:35	5	100	7.64	0.39	7.12	1.45	2.94	0.80	17.7	192.4	Clear	No Odor
10:40	5	100	7.81	0.52	7.15	1.52	3.47	0.66	17.9	190.7	Clear	No Odor
10:45	5	100	7.84	0.65	7.18	1.54	4.00	0.63	17.8	186.7	Clear	No Odor
10:50	5	100	7.84	0.78	7.18	1.56	3.97	0.61	17.9	179.8	Clear	No Odor
10:55	5	100	7.85	0.91	7.19	1.56	3.46	0.57	17.9	174.6	Clear	No Odor
11:00	5	100	7.85	1.04	7.19	1.57	3.35	0.57	17.8	170.6	Clear	No Odor
11:05	5	100	7.85	1.17	7.29	1.56	2.81	0.56	17.8	166.7	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
1,1-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-81 - Stark Road ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-81S			Date	8-18-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly Clear		
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)	7.69	Total Depth (ft-bmp)	12.54	Water Column (ft.)	4.85	Gallons in Well	0.79
		Pump Intake (ft-bmp)	9.19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.99				
Sample Time: Label	12:06	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:35						
Purge End	12:12						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	100	8.38	0.00	7.26	1.53	7.69	0.39	18.4	210.7	Clear,Turbid	No Odor
11:40	5	100	8.42	0.13	7.22	1.70	6.00	0.30	18.4	214.0	Clear	No Odor
11:45	5	100	8.44	0.26	7.21	1.82	2.45	0.24	18.3	214.3	Clear	No Odor
11:50	5	100	8.45	0.39	7.25	1.85	2.75	0.30	18.5	212.9	Clear	No Odor
11:55	5	100	8.45	0.52	7.25	1.90	2.66	0.27	18.6	212.0	Clear	No Odor
12:00	5	100	8.44	0.65	7.26	1.90	2.09	0.25	18.4	213.5	Clear	No Odor
12:05	5	100	8.44	0.78	7.26	1.89	1.33	0.22	18.5	212.1	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

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-81S - Stark Road ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-82D			Date	8-11-20
Project Name/Location	Ford LTP			Weather	72 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.33	Total Depth (ft-bmp)	23.00	Water Column (ft.)	14.67	Gallons in Well	2.38
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.69				
Sample Time: Label	9:25	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:48						
Purge End	9:28						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:50	0	150	8.36	0.00	7.14	1.32	2.55	0.40	17.6	-99.5	Clear	No Odor
8:55	5	150	8.36	0.20	7.20	1.40	1.89	0.28	17.6	-109.0	Clear,Small Orange Particulates	No Odor
9:00	5	150	8.36	0.40	7.26	1.44	6.00	0.16	17.4	-119.4	Clear,Small Brown and Orange Particulates	No Odor
9:05	5	150	8.36	0.60	7.30	1.45	0.02	0.13	17.4	-125.9	Clear	No Odor
9:10	5	150	8.36	0.80	7.31	1.45	0.02	0.13	17.3	-129.8	Clear	No Odor
9:15	5	150	8.36	1.00	7.33	1.46	3.01	0.16	17.3	-133.0	Clear	No Odor
9:20	5	150	8.36	1.20	7.35	1.46	2.98	0.18	17.4	-136.8	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

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-82D - 12086 Stark Road ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-82SR			Date	8-11-20
Project Name/Location	Ford LTP			Weather	75 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.30	Total Depth (ft-bmp)	12.70	Water Column (ft.)	4.40	Gallons in Well	0.71
		Pump Intake (ft-bmp)	9.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.25				
Sample Time: Label	10:30	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:45						
Purge End	10:32						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	150	8.72	0.00	7.89	1.58	2.31	1.35	19.1	-43.6	Clear	No Odor
9:50	5	150	8.72	0.20	7.11	1.26	25.10	1.04	18.6	26.8	Clear	No Odor
9:55	5	150	8.81	0.40	7.00	1.22	15.60	0.71	18.3	34.5	Clear	No Odor
10:00	5	150	8.89	0.60	7.04	1.18	10.30	0.63	18.6	31.0	Clear	No Odor
10:05	5	150	8.90	0.80	7.07	1.17	7.83	0.65	18.2	28.9	Clear	No Odor
10:10	5	150	8.95	1.00	7.02	1.17	4.16	0.56	18.3	27.0	Clear	No Odor
10:15	5	150	8.96	1.20	7.03	1.16	2.57	0.49	18.2	24.5	Clear	No Odor
10:20	5	150	8.96	1.40	7.03	1.16	0.87	0.47	18.1	20.1	Clear	No Odor
10:25	5	150	8.96	1.60	7.03	1.16	0.02	0.42	18.1	14.5	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

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-82SR, 12086 Stark Road ROW; south of MW-82D	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-83			Date	8-11-20
Project Name/Location	Ford LTP			Weather	77 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)	7.61	Total Depth (ft-bmp)	12.70	Water Column (ft.)	5.09	Gallons in Well	0.83
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.45				
Sample Time: Label	11:45	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:10						
Purge End	11:47						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	150	7.66	0.00	7.86	2.42	0.02	1.40	18.5	97.0	Clear	No Odor
11:15	5	150	7.65	0.20	7.32	2.41	0.02	0.26	17.5	89.9	Clear	No Odor
11:20	5	150	7.65	0.40	7.30	2.40	0.02	0.21	17.4	86.0	Clear	No Odor
11:25	5	150	7.66	0.60	7.28	2.37	0.02	0.21	17.3	77.8	Clear	No Odor
11:30	5	150	7.66	0.80	7.26	2.33	0.91	0.13	17.3	74.6	Clear	No Odor
11:35	5	150	7.66	1.00	7.27	2.32	0.02	0.15	17.5	69.2	Clear	No Odor
11:40	5	150	7.66	1.20	7.29	2.33	0.02	0.15	17.6	64.8	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

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-83 - 12146 Stark Road ROW; south of MW-83S	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-83S			Date	8-11-20
Project Name/Location	Ford LTP			Weather	81 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)	7.80	Total Depth (ft-bmp)	12.70	Water Column (ft.)	4.90	Gallons in Well	0.80
		Pump Intake (ft-bmp)	9.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.46				
Sample Time: Label	12:55	Volume Purged	1.17 gallons	Replicate/Code No.	MW-83S-MS_081120, MW-83S-MSD_081120	Sampled by	Emma Witherspoon
Purge Start	12:20						
Purge End	13:06						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	200	7.80	0.00	7.70	1.54	0.02	5.50	18.2	106.6	Clear	No Odor
12:25	5	200	7.81	0.26	7.27	1.71	0.02	5.49	17.9	100.7	Clear	No Odor
12:30	5	200	7.81	0.52	7.22	1.89	0.02	4.93	17.9	90.4	Clear	No Odor
12:35	5	100	7.80	0.78	7.28	1.96	0.02	5.04	18.3	80.9	Clear	No Odor
12:40	5	100	7.80	0.91	7.25	2.04	0.02	4.38	18.2	81.3	Clear	No Odor
12:45	5	100	7.80	1.04	7.25	2.06	0.02	4.14	17.9	79.4	Clear	No Odor
12:50	5	100	7.80	1.17	7.27	2.06	0.02	4.51	18.4	75.4	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
1,1-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:	MW-83S - 12146 Stark Road ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-84			Date	8-5-20
Project Name/Location	Ford LTP			Weather	60 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.64	Total Depth (ft-bmp)	12.59	Water Column (ft.)	7.95	Gallons in Well	1.29
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.30				
Sample Time: Label	9:12	Volume Purged	1.68 gallons	Replicate/Code No.	MW-84-MS_080520, MW-84-MSD_080520	Sampled by	Christina Weaver
Purge Start	8:33						
Purge End	9:24						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:34	0	180	4.64	0.00	7.15	3.85	4.19	3.97	17.5	-6.9	Clear	No Odor
8:39	5	180	4.65	0.24	7.21	3.90	4.32	2.24	17.8	-40.0	Clear	No Odor
8:44	5	180	4.65	0.48	7.23	3.77	1.43	3.20	17.9	-54.4	Clear	No Odor
8:49	5	180	4.65	0.72	7.22	3.75	1.50	3.18	17.9	-56.5	Clear	No Odor
8:54	5	180	4.65	0.96	7.22	3.66	0.02	3.04	18.1	-60.5	Clear	No Odor
8:59	5	180	4.64	1.20	7.21	3.59	0.02	3.36	18.0	-62.2	Clear	No Odor
9:04	5	180	4.64	1.44	7.21	3.55	0.02	3.25	18.0	-64.6	Clear	No Odor
9:09	5	180	4.65	1.68	7.22	3.49	0.02	3.19	18.0	-65.5	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 Labeled on inside

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-84 - ROW 34851 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-84S			Date	8-5-20
Project Name/Location	Ford LTP			Weather	32 degrees F, Mostly Clear		
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)	4.80	Total Depth (ft-bmp)	12.72	Water Column (ft.)	7.92	Gallons in Well	1.29
		Pump Intake (ft-bmp)	6.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.41				
Sample Time: Label	10:20	Volume Purged	1.82 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	9:41						
Purge End	10:24						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:43	0	200	4.81	0.00	7.48	0.44	1.93	2.60	21.4	-39.0	Clear	No Odor
9:48	5	200	4.81	0.26	7.31	0.40	1.89	2.03	21.2	-17.4	Clear	No Odor
9:53	5	200	4.81	0.52	7.26	0.44	1.15	1.33	20.9	-22.2	Clear	No Odor
9:58	5	200	4.81	0.78	7.21	0.50	2.57	0.95	20.9	-30.4	Clear	No Odor
10:03	5	200	4.81	1.04	7.19	0.60	0.86	0.61	20.8	-37.7	Clear	No Odor
10:08	5	200	4.81	1.30	7.09	0.79	0.35	0.45	20.6	-38.2	Clear	No Odor
10:13	5	200	4.81	1.56	7.14	0.81	0.63	0.40	20.7	-43.9	Clear	No Odor
10:18	5	200	4.81	1.82	7.12	0.80	0.38	0.38	20.6	-44.7	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

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-84S - ROW 34851 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-85			Date	8-14-20
Project Name/Location	Ford LTP			Weather	81 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)	6.10	Total Depth (ft-bmp)	12.71	Water Column (ft.)	6.60	Gallons in Well	1.07
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.55				
Sample Time: Label	13:10	Volume Purged	1.66 gallons	Replicate/Code No.	DUP-08	Sampled by	Emma Witherspoon
Purge Start	12:23						
Purge End	13:12						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	200	6.15	0.00	7.14	3.53	2.28	0.26	20.9	-130.6	Clear	No Odor
12:30	5	150	6.15	0.26	7.13	3.53	3.52	0.24	21.2	-124.7	Clear	No Odor
12:35	5	150	6.14	0.46	7.14	3.48	0.82	0.18	21.2	-122.0	Clear	No Odor
12:40	5	150	6.14	0.66	7.14	3.38	0.02	0.15	21.0	-118.6	Clear	No Odor
12:45	5	150	6.14	0.86	7.13	3.12	0.02	0.15	21.0	-114.7	Clear	No Odor
12:50	5	150	6.14	1.06	7.12	3.00	0.02	0.17	21.0	-111.8	Clear	No Odor
12:55	5	150	6.14	1.26	7.12	2.90	0.02	0.15	21.0	-109.2	Clear	No Odor
13:00	5	150	6.14	1.46	7.11	2.86	0.02	0.16	20.8	-107.1	Clear	No Odor
13:05	5	150	6.14	1.66	7.11	2.85	0.02	0.16	20.8	-106.5	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	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments None

Well Casing Volumes

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

Well Information

Well Location:	MW-85 - 34400 Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-85SR			Date	8-14-20
Project Name/Location	Ford LTP			Weather	78 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.20	Total Depth (ft-bmp)	8.48	Water Column (ft.)	2.28	Gallons in Well	0.37
		Pump Intake (ft-bmp)	7.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.38				
Sample Time: Label	12:10	Volume Purged	1.99 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:09						
Purge End	12:12						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	100	6.30	0.00	7.04	1.17	146.00	1.40	22.4	-165.5	Small Orange Particulates, Turbid,Yellow	No Odor
11:15	5	100	6.25	0.13	6.90	2.20	144.00	1.04	23.3	-136.9	Turbid,Yellow	No Odor
11:20	5	100	6.25	0.26	6.93	2.12	152.00	0.54	22.9	-136.4	Small Orange Particulates, Turbid,Yellow	No Odor
11:25	5	150	6.25	0.39	7.00	1.91	55.50	0.27	22.4	-115.2	Yellow	No Odor
11:30	5	150	6.25	0.59	7.01	1.90	22.90	0.49	22.6	-107.4	Yellow	No Odor
11:35	5	150	6.25	0.79	7.03	1.85	29.70	0.26	22.6	-103.4	Small Orange Particulates, Yellow	No Odor
11:40	5	150	6.25	0.99	7.04	1.82	14.40	0.30	22.7	-107.2	Clear,Yellow	No Odor
11:45	5	150	6.25	1.19	7.03	1.78	7.16	0.26	22.6	-100.6	Clear	No Odor
11:50	5	150	6.25	1.39	7.04	1.76	21.00	0.23	22.6	-97.9	Small Orange Particulates, Yellow	No Odor
11:55	5	150	6.25	1.59	7.04	1.75	3.28	0.20	22.4	-97.0	Clear	No Odor
12:00	5	150	6.25	1.79	7.06	1.72	1.88	0.23	22.7	-95.8	Clear	No Odor
12:05	5	150	6.25	1.99	7.07	1.72	0.86	0.18	22.6	-95.6	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

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-85SR - 34400 Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-86			Date	8-7-20
Project Name/Location	Ford LTP			Weather	63 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.52	Total Depth (ft-bmp)	16.85	Water Column (ft.)	9.33	Gallons in Well	1.52
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.03				
Sample Time: Label	10:21	Volume Purged	1.56 gallons	Replicate/Code No.	MW-86-MS_080720, MW-86-MSD_080720	Sampled by	Gary Schafer
Purge Start	9:20						
Purge End	10:29						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	100	7.54	0.00	6.99	0.92	60.60	0.88	15.9	198.4	Cloudy,Small Orange Particulates	No Odor
9:25	5	100	7.54	0.13	7.04	0.92	45.20	0.54	16.0	180.0	Cloudy,Small Orange Particulates	No Odor
9:30	5	100	7.54	0.26	7.09	0.93	40.00	0.33	16.0	166.5	Cloudy,Small Orange Particulates	No Odor
9:35	5	100	7.55	0.39	7.05	0.96	15.40	0.29	16.0	150.4	Clear,Small Orange Particulates	No Odor
9:40	5	100	7.55	0.52	7.14	0.98	10.90	2.54	16.1	135.2	Clear	No Odor
9:45	5	100	7.55	0.65	7.32	0.99	8.62	2.55	16.2	132.9	Clear	No Odor
9:50	5	100	7.55	0.78	7.34	1.00	3.23	2.54	16.2	114.9	Clear	No Odor
9:55	5	100	7.55	0.91	7.34	1.00	3.53	2.54	16.3	106.5	Clear	No Odor
10:00	5	100	7.55	1.04	7.34	1.00	4.26	2.43	16.5	95.9	Clear	No Odor
10:05	5	100	7.55	1.17	7.35	1.00	4.50	2.41	16.5	88.7	Clear	No Odor
10:10	5	100	7.55	1.30	7.36	1.01	3.10	2.30	16.6	83.0	Clear	No Odor
10:15	5	100	7.55	1.43	7.31	1.03	2.80	2.28	16.5	78.0	Clear	No Odor
10:20	5	100	7.55	1.56	7.37	1.05	2.10	2.35	16.6	68.3	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
1,1-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:	MW-86; Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-86S			Date	8-7-20
Project Name/Location	Ford LTP			Weather	72 degrees F, Clear		
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)	7.70	Total Depth (ft-bmp)	12.34	Water Column (ft.)	4.64	Gallons in Well	0.75
		Pump Intake (ft-bmp)	9.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.08				
Sample Time: Label	11:56	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:55						
Purge End	12:02						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	100	7.71	0.00	7.29	0.31	6.28	3.71	18.6	67.4	Clear	No Odor
11:00	5	100	7.71	0.13	7.30	0.31	4.98	3.60	18.5	70.2	Clear	No Odor
11:05	5	100	7.71	0.26	7.39	0.32	3.55	3.40	18.7	72.2	Clear	No Odor
11:10	5	100	7.71	0.39	7.41	0.32	1.77	3.38	18.6	79.0	Clear	No Odor
11:15	5	100	7.71	0.52	7.44	0.32	1.81	3.45	18.6	82.6	Clear	No Odor
11:20	5	100	7.71	0.65	7.44	0.32	0.88	3.47	18.5	91.9	Clear	No Odor
11:25	5	100	7.71	0.78	7.45	0.32	0.66	3.45	18.6	97.0	Clear	No Odor
11:30	5	100	7.71	0.91	7.46	0.33	0.32	3.44	18.5	100.6	Clear	No Odor
11:35	5	100	7.71	1.04	7.44	0.33	0.07	3.30	18.5	107.2	Clear	No Odor
11:40	5	100	7.71	1.17	7.42	0.33	0.19	2.90	18.5	112.1	Clear	No Odor
11:45	5	100	7.71	1.30	7.40	0.38	0.14	2.88	18.5	116.9	Clear	No Odor
11:50	5	100	7.71	1.43	7.39	0.41	0.34	2.52	18.4	121.4	Clear	No Odor
11:55	5	100	7.71	1.56	7.40	0.42	0.25	2.50	18.4	122.0	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

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-86S; Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-87			Date	8-6-20
Project Name/Location	Ford LTP			Weather	75 degrees F, Partly 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)	9.85	Total Depth (ft-bmp)	18.90	Water Column (ft.)	9.05	Gallons in Well	1.47
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.53				
Sample Time: Label	15:56	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:25						
Purge End	16:01						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:25	0	100	9.86	0.00	7.01	0.27	3.37	5.74	20.4	168.4	Clear	No Odor
15:30	5	100	9.86	0.13	7.35	0.28	3.11	5.67	20.8	159.9	Clear	No Odor
15:35	5	100	9.86	0.26	7.32	0.27	2.68	5.33	20.7	163.5	Clear	No Odor
15:40	5	100	9.86	0.39	7.35	0.27	1.93	5.44	20.5	165.0	Clear	No Odor
15:45	5	100	9.86	0.52	7.43	0.27	0.55	5.18	20.2	169.2	Clear	No Odor
15:50	5	100	9.86	0.65	7.44	0.27	0.02	5.16	20.0	171.5	Clear	No Odor
15:55	5	100	9.86	0.78	7.44	0.27	0.59	5.17	20.4	173.2	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
1,1-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-87; Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-87S			Date	8-6-20
Project Name/Location	Ford LTP			Weather	79 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.63	Total Depth (ft-bmp)	14.13	Water Column (ft.)	4.50	Gallons in Well	0.73
		Pump Intake (ft-bmp)	11.13	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.07				
Sample Time: Label	16:51	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	16:20						
Purge End	16:59						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:20	0	100	9.63	0.00	7.44	0.27	0.47	6.73	21.3	235.4	Clear	No Odor
16:25	5	100	9.63	0.13	7.23	0.27	0.15	6.22	21.2	250.3	Clear	No Odor
16:30	5	100	9.63	0.26	7.23	0.27	0.02	5.95	21.2	241.1	Clear	No Odor
16:35	5	100	9.67	0.39	7.24	0.27	0.02	6.10	21.4	241.9	Clear	No Odor
16:40	5	100	9.67	0.52	7.24	0.27	0.05	5.96	21.2	247.0	Clear	No Odor
16:45	5	100	9.67	0.65	7.25	0.27	0.02	5.72	21.2	245.0	Clear	No Odor
16:50	5	100	9.67	0.78	7.24	0.27	0.10	5.72	21.7	247.7	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
1,1-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-87S; Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-96S			Date	8-3-20
Project Name/Location	Ford LTP			Weather	79 degrees F, Mostly 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)	6.22	Total Depth (ft-bmp)	12.99	Water Column (ft.)	6.77	Gallons in Well	1.10
		Pump Intake (ft-bmp)	7.72	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.42				
Sample Time: Label	14:45	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	14:12						
Purge End	14:48						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:13	0	200	6.24	0.00	7.18	0.53	0.02	0.41	18.1	190.2	Clear	No Odor
14:18	5	200	6.24	0.26	7.08	0.52	0.02	0.27	17.8	208.7	Clear	No Odor
14:23	5	200	6.24	0.52	7.09	0.53	0.02	0.25	17.6	223.9	Clear	No Odor
14:28	5	200	6.24	0.78	7.14	0.53	0.02	0.22	17.5	229.8	Clear	No Odor
14:33	5	200	6.25	1.04	7.19	0.54	0.02	0.23	17.5	233.2	Clear	No Odor
14:38	5	200	6.25	1.30	7.25	0.54	0.02	0.33	17.8	234.6	Clear	No Odor
14:43	5	200	6.25	1.56	7.25	0.54	0.02	0.30	17.8	238.6	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

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-96S - ROW in front of 11850 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-97S			Date	8-5-20
Project Name/Location	Ford LTP			Weather	76 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)	5.05	Total Depth (ft-bmp)	12.00	Water Column (ft.)	6.95	Gallons in Well	1.13
		Pump Intake (ft-bmp)	6.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.38				
Sample Time: Label	14:53	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	14:20						
Purge End	14:58						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:21	0	200	5.08	0.00	7.26	0.55	22.50	5.41	23.3	28.7	Clear,Small Orange Particulates	No Odor
14:26	5	200	5.08	0.26	7.05	0.56	4.66	4.96	22.6	28.8	Clear	No Odor
14:31	5	200	5.08	0.52	7.07	0.56	4.78	4.99	22.4	27.4	Clear	No Odor
14:36	5	200	5.08	0.78	7.10	0.56	0.02	4.88	22.2	24.0	Clear	No Odor
14:41	5	200	5.08	1.04	7.18	0.57	0.02	4.56	22.5	14.0	Clear	No Odor
14:46	5	200	5.08	1.30	7.24	0.57	0.02	4.51	22.8	9.2	Clear	No Odor
14:51	5	200	5.08	1.56	7.26	0.58	0.02	4.16	22.5	4.0	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

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-97S - ROW Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-98S			Date	8-5-20
Project Name/Location	Ford LTP			Weather	73 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)	2.55	Total Depth (ft-bmp)	12.09	Water Column (ft.)	9.54	Gallons in Well	1.55
		Pump Intake (ft-bmp)	4.05	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.01				
Sample Time: Label	13:48	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	13:14						
Purge End	13:52						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:16	0	200	2.60	0.00	7.19	0.92	2.13	1.31	24.4	-13.8	Clear	No Odor
13:21	5	200	2.60	0.26	7.11	0.71	0.02	0.25	23.3	-20.1	Clear	No Odor
13:26	5	200	2.61	0.52	7.12	0.73	0.02	0.81	23.5	-20.9	Clear	No Odor
13:31	5	200	2.61	0.78	7.13	0.74	0.02	0.79	23.3	-21.6	Clear	No Odor
13:36	5	200	2.61	1.04	7.11	0.77	0.02	0.78	23.4	-20.8	Clear	No Odor
13:41	5	200	2.61	1.30	7.11	0.77	0.02	0.72	23.4	-21.3	Clear	No Odor
13:46	5	200	2.61	1.56	7.09	0.78	0.02	0.71	23.4	-20.3	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*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	MW-98S - Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-99S			Date	8-11-20
Project Name/Location	Ford LTP			Weather	86 degrees F, Partly 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)	6.63	Total Depth (ft-bmp)	12.88	Water Column (ft.)	6.25	Gallons in Well	1.02
		Pump Intake (ft-bmp)	8.13	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.53				
Sample Time: Label	15:56	Volume Purged	1.56 gallons	Replicate/Code No.	MW-99S-MS_081120, MW-99S-MSD_081120	Sampled by	Gary Schafer
Purge Start	14:55						
Purge End	16:11						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:55	0	100	6.62	0.00	6.95	1.23	0.28	0.98	21.6	99.4	Clear	No Odor
15:00	5	100	6.62	0.13	7.00	1.24	0.26	0.56	21.6	92.9	Clear	No Odor
15:05	5	100	6.62	0.26	7.14	1.28	0.31	0.38	21.7	79.5	Clear	No Odor
15:10	5	100	6.62	0.39	7.18	1.35	0.22	0.36	21.7	75.1	Clear	No Odor
15:15	5	100	6.62	0.52	7.19	1.46	0.40	0.35	21.4	75.1	Clear	No Odor
15:20	5	100	6.62	0.65	7.21	1.55	0.71	0.36	21.7	70.7	Clear	No Odor
15:25	5	100	6.62	0.78	7.21	1.64	0.02	0.33	21.5	69.7	Clear	No Odor
15:30	5	100	6.62	0.91	7.22	1.74	0.04	0.31	21.4	68.9	Clear	No Odor
15:35	5	100	6.62	1.04	7.22	1.80	0.29	0.32	21.4	67.1	Clear	No Odor
15:40	5	100	6.62	1.17	7.23	1.82	0.09	0.34	21.4	65.4	Clear	No Odor
15:45	5	100	6.62	1.30	7.25	1.86	0.21	0.33	21.4	62.9	Clear	No Odor
15:50	5	100	6.63	1.43	7.30	2.01	0.02	0.32	21.6	60.8	Clear	No Odor
15:55	5	100	6.63	1.56	7.30	2.02	0.11	0.32	21.5	59.5	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	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:	MW-99S; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-100S			Date	8-11-20
Project Name/Location	Ford LTP			Weather	75 degrees F, 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)	6.65	Total Depth (ft-bmp)	12.90	Water Column (ft.)	6.25	Gallons in Well	1.02
		Pump Intake (ft-bmp)	8.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.53				
Sample Time: Label	10:46	Volume Purged	1.56 gallons	Replicate/Code No.	MW-100S-MS_081120, MW-100S-MSD_081120	Sampled by	Gary Schafer
Purge Start	9:45						
Purge End	11:59						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	100	6.65	0.00	7.47	4.85	0.69	0.64	21.8	275.9	Clear	No Odor
9:50	5	100	6.65	0.13	7.51	5.35	0.10	0.31	21.2	270.7	Clear	No Odor
9:55	5	100	6.65	0.26	7.50	5.50	0.18	0.35	21.3	263.8	Clear	No Odor
10:00	5	100	6.65	0.39	7.49	5.56	0.03	0.32	21.4	257.1	Clear	No Odor
10:05	5	100	6.65	0.52	7.49	5.59	0.02	0.29	21.3	247.4	Clear	No Odor
10:10	5	100	6.65	0.65	7.47	5.58	0.13	0.30	21.3	241.1	Clear	No Odor
10:15	5	100	6.65	0.78	7.45	5.60	0.28	0.28	21.1	230.4	Clear	No Odor
10:20	5	100	6.65	0.91	7.47	5.67	0.33	0.25	21.0	220.5	Clear	No Odor
10:25	5	100	6.66	1.04	7.42	5.80	0.11	0.25	21.0	207.4	Clear	No Odor
10:30	5	100	6.66	1.17	7.45	5.86	0.08	0.21	21.2	198.2	Clear	No Odor
10:35	5	100	6.66	1.30	7.40	5.89	0.02	0.22	21.0	190.4	Clear	No Odor
10:40	5	100	6.66	1.43	7.39	5.92	0.02	0.21	21.1	182.7	Clear	No Odor
10:45	5	100	6.66	1.56	7.39	5.93	0.13	0.23	21.3	174.8	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	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:	MW-100S; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-101S			Date	8-10-20
Project Name/Location	Ford LTP			Weather	84 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.95	Total Depth (ft-bmp)	14.07	Water Column (ft.)	6.12	Gallons in Well	0.99
		Pump Intake (ft-bmp)	9.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.58				
Sample Time: Label	14:06	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:05						
Purge End	14:14						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	100	7.95	0.00	7.34	0.91	61.90	1.45	21.1	152.5	Cloudy	No Odor
13:10	5	100	7.95	0.13	7.27	0.93	62.40	0.50	20.9	146.1	Clear,Small Orange Particulates	No Odor
13:15	5	100	7.95	0.26	7.33	0.93	49.90	0.46	20.9	136.0	Clear,Small Orange Particulates	No Odor
13:20	5	100	7.95	0.39	7.40	0.93	50.50	0.46	20.9	126.4	Clear,Small Orange Particulates	No Odor
13:25	5	100	7.95	0.52	7.42	0.92	33.70	0.64	20.8	132.5	Clear,Small White Particulates	No Odor
13:30	5	100	7.95	0.65	7.43	0.92	31.80	0.44	20.8	132.1	Clear,Small White Particulates	No Odor
13:35	5	100	7.95	0.78	7.45	0.91	29.70	0.44	20.9	124.2	Clear,Small White Particulates	No Odor
13:40	5	100	7.95	0.91	7.45	0.91	26.80	0.42	20.8	111.7	Clear	No Odor
13:45	5	100	7.95	1.04	7.48	0.91	22.70	0.48	21.0	114.8	Clear	No Odor
13:50	5	100	7.95	1.17	7.49	0.90	20.70	0.46	21.0	103.5	Clear	No Odor
13:55	5	100	7.95	1.30	7.58	0.90	16.90	0.40	22.0	77.8	Clear	No Odor
14:00	5	100	7.95	1.43	7.50	0.89	15.70	0.39	22.0	73.6	Clear	No Odor
14:05	5	100	7.95	1.56	7.50	0.88	12.70	0.39	22.0	76.1	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

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-101S; Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-102			Date	8-14-20
Project Name/Location	Ford LTP			Weather	82 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.98	Total Depth (ft-bmp)	14.65	Water Column (ft.)	11.67	Gallons in Well	1.90
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.82				
Sample Time: Label	2:06	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-06	Sampled by	Gary Schafer
Purge Start	13:05						
Purge End	14:13						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	100	3.00	0.00	7.24	7.39	0.10	0.63	20.5	139.8	Clear	No Odor
13:10	5	100	3.00	0.13	7.27	7.38	0.21	0.34	20.3	124.5	Clear	No Odor
13:15	5	100	3.00	0.26	7.37	7.30	0.02	0.21	20.3	81.1	Clear	No Odor
13:20	5	100	3.00	0.39	7.40	6.90	5.06	0.18	20.0	59.8	Clear	No Odor
13:25	5	100	3.02	0.52	7.37	6.68	10.00	0.17	20.0	44.7	Clear	No Odor
13:30	5	100	3.10	0.65	7.35	6.73	11.90	0.16	19.6	37.5	Clear,Turbid	No Odor
13:35	5	100	3.10	0.78	7.31	6.74	9.60	0.16	19.5	32.0	Clear	No Odor
13:40	5	100	3.10	0.91	7.40	6.87	9.10	0.22	19.3	11.9	Clear	No Odor
13:45	5	100	3.10	1.04	7.42	6.90	11.50	0.28	19.8	20.7	Clear	No Odor
13:50	5	100	3.10	1.17	7.47	6.89	10.90	0.25	20.1	26.7	Clear,Turbid	No Odor
13:55	5	100	3.10	1.30	7.44	6.87	9.60	0.30	20.4	31.3	Clear	No Odor
14:00	5	100	3.10	1.43	7.44	6.88	9.10	0.26	20.4	35.0	Clear	No Odor
14:05	5	100	3.10	1.56	7.33	6.86	8.12	0.33	20.4	76.0	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	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:	MW-102; Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-102S			Date	8-14-20
Project Name/Location	Ford LTP			Weather	86 degrees F, Thunderstorms		
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)	3.15	Total Depth (ft-bmp)	12.36	Water Column (ft.)	9.21	Gallons in Well	1.50
		Pump Intake (ft-bmp)	4.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.04				
Sample Time: Label	15:31	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:30						
Purge End	3:42						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	100	3.15	0.00	7.59	1.70	3.06	0.48	23.0	69.2	Clear	No Odor
14:35	5	100	3.15	0.13	7.63	1.79	1.12	0.16	23.6	71.6	Clear	No Odor
14:40	5	100	3.15	0.26	7.62	1.86	1.72	0.12	23.5	72.7	Clear	No Odor
14:45	5	100	3.10	0.39	7.62	1.88	1.15	0.12	23.4	72.5	Clear	No Odor
14:50	5	100	3.10	0.52	7.61	1.89	0.88	0.12	23.3	73.4	Clear	No Odor
14:55	5	100	3.15	0.65	7.60	1.88	1.04	0.12	23.2	75.7	Clear	No Odor
15:00	5	100	3.15	0.78	7.61	2.20	0.36	0.12	23.3	74.9	Clear	No Odor
15:05	5	100	3.10	0.91	7.60	2.21	0.24	0.12	23.3	74.2	Clear	No Odor
15:10	5	100	3.10	1.04	7.56	2.33	0.20	0.11	23.2	74.3	Clear	No Odor
15:15	5	100	3.10	1.17	7.57	2.34	0.12	0.11	23.2	73.4	Clear	No Odor
15:20	5	100	3.15	1.30	7.57	2.34	0.42	0.11	23.2	73.4	Clear	No Odor
15:25	5	100	3.15	1.43	7.56	2.38	0.23	0.11	23.2	73.0	Clear	No Odor
15:30	5	100	3.15	1.56	7.54	2.40	0.62	0.10	23.1	72.8	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

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-102S; Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-105S			Date	8-14-20
Project Name/Location	Ford LTP			Weather	81 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)	4.50	Total Depth (ft-bmp)	11.75	Water Column (ft.)	7.25	Gallons in Well	1.18
		Pump Intake (ft-bmp)	6.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.32				
Sample Time: Label	12:39	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:38						
Purge End	12:46						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:38	0	100	4.50	0.00	6.90	1.60	30.00	0.64	22.0	250.1	Clear,Small Orange Particulates	No Odor
11:43	5	100	4.50	0.13	6.91	2.42	20.20	0.24	22.8	258.3	Clear,Small Orange Particulates	No Odor
11:48	5	100	4.50	0.26	7.04	3.53	14.50	0.18	22.5	233.4	Clear,Small Orange Particulates	No Odor
11:53	5	100	4.50	0.39	7.17	3.86	7.86	0.15	22.2	186.4	Clear	No Odor
11:58	5	100	4.58	0.52	7.20	3.87	5.86	0.15	22.2	154.7	Clear	No Odor
12:03	5	100	4.62	0.65	7.25	3.90	3.95	0.16	22.3	134.8	Clear	No Odor
12:08	5	100	4.62	0.78	7.26	3.91	4.39	0.15	22.1	124.8	Clear	No Odor
12:13	5	100	4.62	0.91	7.26	3.92	1.92	0.15	22.0	113.0	Clear	No Odor
12:18	5	100	4.62	1.04	7.26	3.92	3.58	0.14	21.9	107.3	Clear	No Odor
12:23	5	100	4.62	1.17	7.27	3.93	3.25	0.14	21.9	98.9	Clear	No Odor
12:28	5	100	4.62	1.30	7.26	3.93	1.71	0.14	22.0	90.2	Clear	No Odor
12:33	5	100	4.62	1.43	7.27	3.94	1.94	0.15	21.9	80.3	Clear	No Odor
12:38	5	100	4.62	1.56	7.27	3.96	0.82	0.14	21.9	79.5	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 Casing under water, bailed out water before opening 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:	MW-105S; Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-106S			Date	8-5-20
Project Name/Location	Ford LTP			Weather	73 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)	3.81	Total Depth (ft-bmp)	11.67	Water Column (ft.)	7.86	Gallons in Well	1.28
		Pump Intake (ft-bmp)	5.31	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.71				
Sample Time: Label	13:11	Volume Purged	0.91 gallons	Replicate/Code No.	MW-106S-MS_080520, MW-106S-MSD_080520	Sampled by	Gary Schafer
Purge Start	12:30						
Purge End	13:23						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	100	3.90	0.00	6.99	0.49	3.99	1.09	22.7	132.3	Clear	No Odor
12:40	5	100	3.90	0.13	6.98	0.48	0.02	0.63	22.6	125.3	Clear	No Odor
12:45	5	100	3.92	0.26	7.01	0.48	0.02	0.62	22.4	118.1	Clear	No Odor
12:50	5	100	3.92	0.39	6.97	0.48	1.35	0.67	22.1	118.3	Clear	No Odor
12:55	5	100	3.93	0.52	6.93	0.48	1.05	0.70	21.9	119.3	Clear	No Odor
13:00	5	100	3.94	0.65	6.87	0.49	0.71	0.71	22.3	121.6	Clear	No Odor
13:05	5	100	3.95	0.78	6.84	0.49	0.80	0.65	22.4	122.9	Clear	No Odor
13:10	5	100	3.95	0.91	6.83	0.50	0.71	0.69	22.3	124.6	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	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments There was 1 inch of water around casing , bailed out before opening 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:	MW-106S; Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-107S			Date	8-4-20
Project Name/Location	Ford LTP			Weather	75 degrees F, Mostly 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)	6.26	Total Depth (ft-bmp)	12.15	Water Column (ft.)	5.89	Gallons in Well	0.96
		Pump Intake (ft-bmp)	7.76	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.63				
Sample Time: Label	16:11	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:10						
Purge End	16:19						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:10	0	100	6.40	0.00	7.65	0.65	2.79	0.91	19.0	228.3	Clear	No Odor
15:15	5	100	6.44	0.13	7.57	0.65	1.12	0.41	18.8	224.6	Clear	No Odor
15:20	5	100	6.54	0.26	7.53	0.64	0.83	0.32	18.7	213.8	Clear	No Odor
15:25	5	100	6.58	0.39	7.48	0.64	0.11	0.38	18.6	205.2	Clear	No Odor
15:30	5	100	6.59	0.52	7.46	0.64	0.02	0.38	18.5	201.3	Clear	No Odor
15:35	5	100	6.64	0.65	7.48	0.65	0.02	0.37	18.4	195.8	Clear	No Odor
15:40	5	100	6.68	0.78	7.45	0.68	0.02	0.34	18.3	193.7	Clear	No Odor
15:45	5	100	6.70	0.91	7.44	0.71	0.02	0.37	18.2	191.4	Clear	No Odor
15:50	5	100	6.71	1.04	7.37	0.73	0.03	0.38	18.2	192.7	Clear	No Odor
15:55	5	100	6.74	1.17	7.35	0.77	0.02	0.39	18.1	192.4	Clear	No Odor
16:00	5	100	6.75	1.30	7.32	0.78	0.02	0.40	18.1	190.9	Clear	No Odor
16:05	5	100	6.76	1.43	7.40	0.82	0.06	0.41	18.0	185.7	Clear	No Odor
16:10	5	100	6.76	1.56	7.39	0.81	0.02	0.41	18.0	184.9	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
1,1-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-107S; Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-108S			Date	8-14-20
Project Name/Location	Ford LTP			Weather	70 degrees F, Mostly 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)	4.82	Total Depth (ft-bmp)	12.62	Water Column (ft.)	7.80	Gallons in Well	1.27
		Pump Intake (ft-bmp)	6.32	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72				
Sample Time: Label	9:00	Volume Purged	0.92 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:28						
Purge End	9:04						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:30	0	100	4.90	0.00	6.74	1.11	22.30	1.30	22.6	-23.0	Clear,Small Brown Particulates	No Odor
8:35	5	100	4.90	0.13	6.76	1.26	8.37	0.26	22.2	-94.0	Clear,Small Brown Particulates	No Odor
8:40	5	100	4.90	0.26	6.79	1.28	5.16	0.19	21.9	-95.3	Clear,Small Brown Particulates	No Odor
8:45	5	100	4.90	0.39	6.82	1.29	2.37	0.14	21.8	-96.6	Clear	No Odor
8:50	5	150	4.90	0.52	6.84	1.29	0.68	0.11	21.7	-98.7	Clear	No Odor
8:55	5	150	4.90	0.72	6.85	1.29	0.40	0.12	21.6	-99.6	Clear	No Odor
9:00	5	150	4.90	0.92	6.85	1.30	0.02	0.11	21.5	-101.0	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

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-108S - 12321-12331 Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-131S			Date	8-17-20
Project Name/Location	Ford LTP			Weather	78 degrees F, Mostly 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)	5.67	Total Depth (ft-bmp)	12.71	Water Column (ft.)	7.04	Gallons in Well	1.14
		Pump Intake (ft-bmp)	7.17	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.37				
Sample Time: Label	14:21	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-14	Sampled by	Gary Schafer
Purge Start	13:20						
Purge End	14:29						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	100	5.70	0.00	7.10	0.42	1.65	0.38	21.4	264.3	Clear	No Odor
13:25	5	100	5.71	0.13	7.11	0.46	1.24	0.22	21.2	260.0	Clear	No Odor
13:30	5	100	5.72	0.26	6.95	0.70	0.79	0.11	21.0	258.9	Clear	No Odor
13:35	5	100	5.72	0.39	6.98	1.64	1.30	0.05	21.0	211.5	Clear	No Odor
13:40	5	100	5.72	0.52	6.95	1.71	0.73	0.04	21.5	210.4	Clear	No Odor
13:45	5	100	5.72	0.65	6.93	2.13	0.92	0.02	21.3	199.6	Clear	No Odor
13:50	5	100	5.72	0.78	6.97	2.73	1.08	0.02	21.3	193.7	Clear	No Odor
13:55	5	100	5.72	0.91	7.10	3.31	0.72	0.03	21.5	181.2	Clear	No Odor
14:00	5	100	5.72	1.04	7.10	3.47	0.02	0.01	21.4	166.0	Clear	No Odor
14:05	5	100	5.72	1.17	7.11	3.47	0.02	0.01	21.4	159.0	Clear	No Odor
14:10	5	100	5.72	1.30	7.11	3.48	0.02	0.01	21.4	149.7	Clear	No Odor
14:15	5	100	5.72	1.43	7.11	3.48	0.61	0.01	21.1	143.1	Clear	No Odor
14:20	5	100	5.72	1.56	7.12	3.49	0.36	0.01	21.4	136.1	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	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments Casing under water , bailed out water before opening 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:	MW-131S; Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-132S			Date	8-13-20
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)	6.11	Total Depth (ft-bmp)	12.40	Water Column (ft.)	6.29	Gallons in Well	1.02
		Pump Intake (ft-bmp)	7.61	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.57				
Sample Time: Label	8:50	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	7:50						
Purge End	8:52						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
7:50	0	125	6.16	0.00	7.06	0.84	85.50	0.62	22.3	-3.7	Small Orange Particulates, Yellow	No Odor
7:55	5	100	6.12	0.17	7.15	0.89	95.40	0.50	22.4	-23.7	Small Orange Particulates, Yellow	No Odor
8:00	5	100	6.12	0.30	7.15	0.92	76.90	0.44	22.4	-18.4	Turbid,Yellow	No Odor
8:05	5	100	6.12	0.43	7.12	0.93	44.00	0.41	22.4	-24.4	Turbid,Yellow	No Odor
8:10	5	100	6.12	0.56	7.11	0.94	25.80	0.37	22.3	-27.6	Clear,Yellow	No Odor
8:15	5	100	6.12	0.69	7.12	0.94	14.40	0.25	22.3	-24.3	Clear,Yellow	No Odor
8:20	5	100	6.12	0.82	7.09	0.94	11.30	0.33	22.3	-28.4	Clear	No Odor
8:25	5	100	6.12	0.95	7.14	0.94	5.51	0.34	22.2	-31.4	Clear	No Odor
8:30	5	100	6.12	1.08	7.08	0.95	4.86	0.28	22.2	-35.8	Clear	No Odor
8:35	5	100	6.12	1.21	7.09	0.95	3.23	0.21	22.2	-32.0	Clear	No Odor
8:40	5	100	6.12	1.34	7.07	1.01	3.03	0.27	22.2	-35.9	Clear	No Odor
8:45	5	100	6.12	1.47	7.08	1.05	1.67	0.26	22.2	-36.8	Clear	No Odor
8:50	5	100	6.12	1.60	7.08	1.14	0.59	0.21	22.2	-35.1	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

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-132S - 34400 Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-133S			Date	8-10-20
Project Name/Location	Ford LTP			Weather	72 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.85	Total Depth (ft-bmp)	8.56	Water Column (ft.)	1.71	Gallons in Well	0.28
		Pump Intake (ft-bmp)	8.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.79				
Sample Time: Label	9:50	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:15						
Purge End	10:05						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	100	6.90	0.00	6.72	0.74	1.50	1.61	19.1	178.4	Clear	No Odor
9:20	5	100	6.90	0.13	6.71	0.60	0.02	0.61	19.3	141.4	Clear	No Odor
9:25	5	100	6.90	0.26	6.76	0.68	0.39	0.49	19.3	130.6	Clear	No Odor
9:30	5	100	6.90	0.39	6.82	0.67	0.02	0.30	19.2	119.4	Clear	No Odor
9:35	5	100	6.90	0.52	6.86	0.67	0.02	0.26	19.2	112.1	Clear	No Odor
9:40	5	100	6.90	0.65	6.89	0.67	0.02	0.24	19.1	107.8	Clear	No Odor
9:45	5	100	6.90	0.78	6.91	0.67	0.02	0.21	19.1	105.0	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

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-133S - 12069 Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-134S			Date	8-7-20
Project Name/Location	Ford LTP			Weather	78 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.80	Total Depth (ft-bmp)	10.00	Water Column (ft.)	2.20	Gallons in Well	0.36
		Pump Intake (ft-bmp)	9.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.39				
Sample Time: Label	15:00	Volume Purged	2.3 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:55						
Purge End	15:02						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	125	7.85	0.00	7.05	0.64	0.02	1.11	17.6	134.2	Clear	No Odor
14:00	5	125	7.85	0.17	6.94	0.60	0.74	1.44	17.7	133.2	Clear	No Odor
14:05	5	150	7.85	0.30	6.89	0.60	0.25	0.57	17.9	122.0	Clear	No Odor
14:10	5	150	7.85	0.50	6.91	0.57	0.02	1.22	17.9	107.7	Clear	No Odor
14:15	5	150	7.85	0.70	6.93	0.57	0.02	1.01	18.0	97.5	Clear	No Odor
14:20	5	150	7.85	0.90	6.90	0.57	0.02	0.41	17.7	93.0	Clear	No Odor
14:25	5	150	7.85	1.10	6.96	0.57	0.02	0.68	18.2	85.9	Clear	No Odor
14:30	5	150	7.85	1.30	6.98	0.57	0.02	0.72	18.5	83.0	Clear	No Odor
14:35	5	150	7.85	1.50	6.93	0.56	0.02	1.24	18.2	83.5	Clear	No Odor
14:40	5	150	7.85	1.70	6.99	0.57	0.02	0.58	18.3	79.2	Clear	No Odor
14:45	5	150	7.85	1.90	6.93	0.56	0.02	1.20	18.1	81.2	Clear	No Odor
14:50	5	150	7.85	2.10	6.91	0.56	0.02	0.56	17.7	80.7	Clear	No Odor
14:55	5	150	7.85	2.30	6.93	0.56	0.02	1.05	17.7	79.6	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

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-134S - 12051 Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-135S			Date	8-5-20
Project Name/Location	Ford LTP			Weather	76 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.83	Total Depth (ft-bmp)	9.71	Water Column (ft.)	2.88	Gallons in Well	0.47
		Pump Intake (ft-bmp)	8.33	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.94				
Sample Time: Label	14:41	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:05						
Purge End	14:46						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:05	0	100	6.85	0.00	7.00	0.55	0.10	0.98	17.0	257.3	Clear	No Odor
14:10	5	100	6.88	0.13	7.04	0.54	0.02	0.61	16.9	252.1	Clear	No Odor
14:15	5	100	6.88	0.26	7.12	0.54	0.03	0.69	17.0	240.3	Clear	No Odor
14:20	5	100	6.88	0.39	7.14	0.53	0.21	0.75	16.9	235.8	Clear	No Odor
14:25	5	100	6.88	0.52	7.17	0.53	0.03	0.72	16.9	230.4	Clear	No Odor
14:30	5	100	6.88	0.65	7.17	0.53	0.02	0.74	16.9	227.8	Clear	No Odor
14:35	5	100	6.88	0.78	7.18	0.53	0.21	0.76	17.0	224.3	Clear	No Odor
14:40	5	100	6.88	0.91	7.19	0.53	0.10	0.74	17.0	222.1	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

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-135S; Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-136S			Date	8-4-20
Project Name/Location	Ford LTP			Weather	75 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)	4.08	Total Depth (ft-bmp)	7.17	Water Column (ft.)	3.09	Gallons in Well	0.50
		Pump Intake (ft-bmp)	5.58	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.60				
Sample Time: Label	14:26	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:34						
Purge End	14:31						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	100	4.18	0.00	6.99	1.76	13.10	0.51	18.1	199.0	Clear	No Odor
13:40	5	100	4.21	0.13	6.97	1.77	11.50	0.27	18.1	179.6	Clear	No Odor
13:45	5	100	4.21	0.26	6.98	1.80	8.11	0.26	18.1	161.6	Clear	No Odor
13:50	5	100	4.21	0.39	6.90	1.83	6.08	0.28	18.1	149.0	Clear	No Odor
13:55	5	100	4.22	0.52	6.88	1.86	5.21	0.27	18.1	138.5	Clear	No Odor
14:00	5	100	4.22	0.65	6.87	1.87	3.63	0.26	18.0	129.9	Clear	No Odor
14:05	5	100	4.22	0.78	6.87	1.87	1.78	0.28	18.0	124.1	Clear	No Odor
14:10	5	100	4.22	0.91	6.87	1.87	1.89	0.30	18.0	118.0	Clear	No Odor
14:15	5	100	4.23	1.04	6.87	1.87	1.23	0.31	18.0	112.8	Clear	No Odor
14:20	5	100	4.23	1.17	6.87	1.86	1.86	0.31	18.0	107.7	Clear	No Odor
14:25	5	100	4.23	1.30	6.87	1.86	1.09	0.33	18.0	102.8	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

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-136S; Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-137S			Date	8-4-20
Project Name/Location	Ford LTP			Weather	72 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)	3.80	Total Depth (ft-bmp)	7.05	Water Column (ft.)	3.25	Gallons in Well	0.53
		Pump Intake (ft-bmp)	5.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.72				
Sample Time: Label	12:56	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:19						
Purge End	13:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	100	3.80	0.00	5.48	1.29	2.58	2.75	18.3	215.3	Clear	No Odor
12:25	5	100	3.80	0.13	5.62	1.30	2.18	1.78	18.3	207.0	Clear	No Odor
12:30	5	100	3.80	0.26	5.78	1.31	1.16	1.59	18.3	198.8	Clear	No Odor
12:35	5	100	3.80	0.39	5.98	1.34	0.36	1.34	18.3	187.0	Clear	No Odor
12:40	5	100	3.81	0.52	6.10	1.36	0.46	1.25	18.3	177.5	Clear	No Odor
12:45	5	100	3.81	0.65	6.81	1.37	0.02	1.12	18.3	132.2	Clear	No Odor
12:50	5	100	3.81	0.78	6.79	1.38	0.08	1.10	18.4	129.1	Clear	No Odor
12:55	5	100	3.81	0.91	6.77	1.38	0.13	1.10	18.3	126.4	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
1,1-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* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	MW-137S; Brewster/Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-138S			Date	8-5-20
Project Name/Location	Ford LTP			Weather	70 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.90	Total Depth (ft-bmp)	5.98	Water Column (ft.)	4.08	Gallons in Well	0.66
		Pump Intake (ft-bmp)	3.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.36				
Sample Time: Label	23:29	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-13	Sampled by	Gary Schafer
Purge Start	10:28						
Purge End	11:38						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:28	0	100	1.91	0.00	6.99	1.63	1.14	0.71	20.9	164.0	Clear	No Odor
10:33	5	100	1.91	0.13	6.99	1.65	0.27	0.53	20.8	138.1	Clear	No Odor
10:38	5	100	1.91	0.26	7.02	1.67	0.62	0.50	20.8	116.2	Clear	No Odor
10:43	5	100	1.91	0.39	7.04	1.69	0.53	0.41	20.7	96.5	Clear	No Odor
10:48	5	100	1.91	0.52	7.05	1.71	0.62	0.34	20.7	81.4	Clear	No Odor
10:53	5	100	1.91	0.65	7.06	1.72	0.88	0.36	20.7	68.4	Clear	No Odor
10:58	5	100	1.91	0.78	7.07	1.75	0.18	0.31	20.7	55.8	Clear	No Odor
11:03	5	100	1.91	0.91	7.08	1.75	0.42	0.28	20.7	44.0	Clear	No Odor
11:08	5	100	1.91	1.04	7.08	1.82	0.71	0.34	20.6	34.7	Clear	No Odor
11:13	5	100	1.91	1.17	7.11	1.76	0.48	0.30	20.7	23.0	Clear	No Odor
11:18	5	100	1.91	1.30	7.08	1.75	0.42	0.31	20.6	18.1	Clear	No Odor
11:23	5	100	1.91	1.43	7.08	1.75	0.04	0.31	20.7	10.4	Clear	No Odor
11:28	5	100	1.91	1.56	7.08	1.75	0.51	0.30	20.6	2.7	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
1,1-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:	MW-138S; Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-139S			Date	8-6-20
Project Name/Location	Ford LTP			Weather	63 degrees F, Partly 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)	3.39	Total Depth (ft-bmp)	6.92	Water Column (ft.)	3.53	Gallons in Well	0.57
		Pump Intake (ft-bmp)	4.89	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.11				
Sample Time: Label	9:30	Volume Purged	2.34 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	8:40						
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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:42	0	200	3.40	0.00	7.08	1.47	4.62	3.15	17.7	94.9	Clear,Small Orange Particulates	No Odor
8:47	5	200	3.40	0.26	7.02	1.42	9.38	0.86	17.8	71.0	Clear,Small Orange Particulates	No Odor
8:52	5	200	3.40	0.52	7.05	1.35	7.74	0.81	18.1	42.5	Clear,Small White Particulates	No Odor
8:57	5	200	3.40	0.78	7.05	1.34	5.14	0.81	18.1	37.2	Clear,Small White Particulates	No Odor
9:02	5	200	3.40	1.04	7.05	1.29	2.77	0.71	18.1	22.7	Clear	No Odor
9:07	5	200	3.40	1.30	7.04	1.23	0.02	0.57	18.1	5.5	Clear	No Odor
9:12	5	200	3.40	1.56	7.04	1.21	0.02	0.45	18.1	-4.5	Clear	No Odor
9:17	5	200	3.40	1.82	7.04	1.20	0.02	0.48	18.1	-12.1	Clear	No Odor
9:22	5	200	3.40	2.08	7.05	1.18	0.02	0.47	18.3	-16.7	Clear	No Odor
9:27	5	200	3.40	2.34	7.05	1.18	0.02	0.48	18.3	-20.6	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* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	MW-139S - Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-140S			Date	8-6-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Partly 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)	4.56	Total Depth (ft-bmp)	6.48	Water Column (ft.)	1.92	Gallons in Well	0.31
		Pump Intake (ft-bmp)	6.06	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.87				
Sample Time: Label	11:35	Volume Purged	1.82 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:55						
Purge End	11:37						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:57	0	200	4.61	0.00	7.76	0.24	4.00	2.01	18.2	30.1	Clear	No Odor
11:02	5	200	4.60	0.26	7.52	0.26	1.98	1.33	18.0	43.9	Clear	No Odor
11:07	5	200	4.60	0.52	7.47	0.28	0.02	0.98	18.0	47.3	Clear	No Odor
11:12	5	200	4.60	0.78	7.53	0.29	0.02	0.84	18.0	44.3	Clear	No Odor
11:17	5	200	4.60	1.04	7.51	0.30	0.02	0.79	18.1	44.7	Clear	No Odor
11:22	5	200	4.60	1.30	7.53	0.31	0.02	0.70	18.1	43.8	Clear	No Odor
11:27	5	200	4.60	1.56	7.52	0.31	0.02	0.68	18.1	43.8	Clear	No Odor
11:32	5	200	4.60	1.82	7.53	0.32	0.02	0.65	18.2	43.2	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* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	MW-140S - ROW 12067 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-141S			Date	8-6-20
Project Name/Location	Ford LTP			Weather	32 degrees F, Partly 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)	6.50	Total Depth (ft-bmp)	7.69	Water Column (ft.)	1.19	Gallons in Well	0.19
		Pump Intake (ft-bmp)	7.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.21				
Sample Time: Label	10:24	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	9:50						
Purge End	10:27						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:51	0	200	6.68	0.00	7.23	0.72	0.02	4.05	18.2	33.4	Clear	No Odor
9:56	5	200	6.74	0.26	7.06	0.72	0.02	2.70	17.9	43.2	Clear	No Odor
10:01	5	200	6.77	0.52	6.97	0.74	0.02	1.19	17.7	45.7	Clear	No Odor
10:06	5	200	6.79	0.78	6.98	0.75	0.02	0.94	17.6	44.3	Clear	No Odor
10:11	5	200	6.81	1.04	6.98	0.75	0.02	0.49	17.5	43.8	Clear	No Odor
10:16	5	200	6.81	1.30	7.02	0.75	0.02	0.48	17.5	41.3	Clear	No Odor
10:21	5	200	6.81	1.56	7.02	0.75	0.02	0.48	17.5	41.0	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

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-141S - ROW 12124 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-142S			Date	8-14-20
Project Name/Location	Ford LTP			Weather	75 degrees F, Partly 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)	5.10	Total Depth (ft-bmp)	6.75	Water Column (ft.)	1.65	Gallons in Well	0.27
		Pump Intake (ft-bmp)	6.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	14.78				
Sample Time: Label	10:40	Volume Purged	3.99 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:36						
Purge End	10:43						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	150	5.15	0.00	6.68	1.25	231.00	0.53	19.8	-71.6	Cloudy,Small Orange and White Particulates	No Odor
9:45	5	150	5.15	0.20	6.66	1.25	135.00	0.23	19.5	-69.8	Cloudy,Small Orange and White Particulates	No Odor
9:50	5	150	5.15	0.40	6.70	1.25	67.40	0.16	19.5	-70.5	Cloudy,Small Orange and White Particulates	No Odor
9:55	5	150	5.15	0.60	6.71	1.25	22.10	0.16	19.7	-73.1	Clear,Small White Particulates	No Odor
10:00	5	150	5.15	0.80	6.75	1.24	21.40	0.11	19.6	-71.6	Clear,Small Orange and White Particulates	No Odor
10:05	5	150	5.15	1.00	6.76	1.25	8.80	0.11	19.7	-72.2	Clear	No Odor
10:10	5	150	5.15	1.20	6.78	1.24	116.00	0.09	19.7	-72.9	Cloudy,Small Orange and White Particulates	No Odor
10:15	5	150	5.15	1.40	6.77	1.24	9.43	0.09	19.7	-72.3	Small Orange and White Particulates	No Odor
10:20	5	150	5.15	1.60	6.80	1.24	5.93	0.10	20.1	-74.4	Clear,Small White Particulates	No Odor
10:25	5	150	5.15	1.80	6.83	1.24	3.32	0.11	20.2	-76.1	Clear	No Odor
10:30	5	150	5.15	3.79	6.83	1.24	0.41	0.10	20.3	-76.3	Clear	No Odor
10:35	5	150	5.15	3.99	6.82	1.21	0.34	0.34	20.4	-76.4	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
1,1-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-142S - 34326 Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-192S			Date	8-5-20
Project Name/Location	Ford LTP			Weather	60 degrees F, Mostly Clear		
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)	2.45	Total Depth (ft-bmp)	7.72	Water Column (ft.)	5.27	Gallons in Well	0.86
		Pump Intake (ft-bmp)	3.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.81				
Sample Time: Label	9:51	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	8:50						
Purge End	10:00						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:50	0	100	2.50	0.00	7.21	0.71	9.73	2.35	20.8	469.0	Clear	No Odor
8:55	5	100	2.52	0.13	7.26	0.85	5.79	3.12	20.7	444.5	Clear	No Odor
9:00	5	100	2.52	0.26	7.30	1.52	7.05	2.16	20.4	361.5	Clear	No Odor
9:05	5	100	2.55	0.39	7.31	1.79	2.49	1.90	20.4	337.1	Clear	No Odor
9:10	5	100	2.55	0.52	7.32	1.83	2.19	0.44	20.2	337.3	Clear	No Odor
9:15	5	100	2.55	0.65	7.32	1.83	2.48	0.41	20.2	327.4	Clear	No Odor
9:20	5	100	2.55	0.78	7.32	1.93	1.86	0.34	20.2	298.6	Clear	No Odor
9:25	5	100	2.55	0.91	7.33	1.95	1.62	0.39	20.2	280.1	Clear	No Odor
9:30	5	100	2.55	1.04	7.33	1.95	1.36	0.37	20.2	261.0	Clear	No Odor
9:35	5	100	2.55	1.17	7.33	2.01	1.12	0.40	20.2	271.7	Clear	No Odor
9:40	5	100	2.55	1.30	7.32	2.02	0.70	0.38	20.2	253.7	Clear	No Odor
9:45	5	100	2.55	1.43	7.28	2.04	0.65	0.34	20.1	171.6	Clear	No Odor
9:50	5	100	2.55	1.56	7.32	1.98	0.71	0.38	20.3	169.0	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

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-192S; Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-204			Date	8-3-20
Project Name/Location	Ford LTP			Weather	72 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.45	Total Depth (ft-bmp)	16.60	Water Column (ft.)	11.15	Gallons in Well	1.81
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.86				
Sample Time: Label	10:35	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:01						
Purge End	10:37						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:03	0	200	5.46	0.00	7.50	0.56	8.29	4.00	19.4	19.5	Clear	No Odor
10:08	5	200	5.45	0.26	7.36	0.53	6.76	4.68	17.3	33.7	Clear	No Odor
10:13	5	200	5.45	0.52	7.36	0.52	6.30	4.38	17.4	38.2	Clear	No Odor
10:18	5	200	5.45	0.78	7.35	0.53	6.88	4.37	17.4	46.1	Clear	No Odor
10:23	5	200	5.45	1.04	7.37	0.53	2.50	4.29	17.3	46.9	Clear	No Odor
10:28	5	200	5.45	1.30	7.38	0.54	2.54	3.98	17.5	49.4	Clear	No Odor
10:33	5	200	5.45	1.56	7.39	0.54	1.30	3.97	17.5	51.4	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC (Roush Wells Only)	40 mL Glass	3	HCL
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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-204 ROW at Roush	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-204S			Date	8-3-20
Project Name/Location	Ford LTP			Weather	72 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.48	Total Depth (ft-bmp)	8.63	Water Column (ft.)	3.15	Gallons in Well	0.51
		Pump Intake (ft-bmp)	6.98	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.53				
Sample Time: Label	9:45	Volume Purged	2.31 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	9:04						
Purge End	9:47						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:06	0	250	5.55	0.00	6.90	3.14	4.90	5.97	19.8	134.0	Clear	No Odor
9:11	5	250	5.56	0.33	6.94	3.11	3.19	5.40	19.7	104.8	Clear	No Odor
9:16	5	250	5.56	0.66	6.96	3.16	0.76	5.29	19.6	46.2	Clear	No Odor
9:21	5	250	5.56	0.99	7.00	3.12	0.02	5.11	19.7	60.3	Clear	No Odor
9:26	5	250	5.56	1.32	7.02	3.10	0.02	5.10	19.7	51.7	Clear	No Odor
9:31	5	250	5.56	1.65	7.04	3.09	0.02	4.77	19.8	46.1	Clear	No Odor
9:36	5	250	5.56	1.98	7.04	3.08	0.02	4.47	19.8	42.2	Clear	No Odor
9:41	5	250	5.56	2.31	7.05	3.07	0.02	4.36	19.7	38.7	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC (Roush Wells Only)	40 mL Glass	3	HCL
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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-204S ROW at Roush	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-205			Date	8-3-20
Project Name/Location	Ford LTP			Weather	75 degrees F, Partly 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)	6.95	Total Depth (ft-bmp)	15.90	Water Column (ft.)	8.95	Gallons in Well	1.45
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.61				
Sample Time: Label	11:55	Volume Purged	2.34 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:06						
Purge End	11:59						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:09	0	200	6.96	0.00	7.12	1.52	300.00	1.07	17.9	107.0	Clear,Small Orange Particulates	No Odor
11:14	5	200	6.96	0.26	7.06	1.51	261.00	1.10	18.4	108.6	Clear,Small Orange Particulates	No Odor
11:19	5	200	6.96	0.52	7.09	1.52	152.00	1.01	18.0	107.4	Clear,Small Orange Particulates	No Odor
11:24	5	200	6.96	0.78	7.06	1.50	131.00	0.90	17.8	109.9	Clear,Small Orange Particulates	No Odor
11:29	5	200	6.96	1.04	7.09	1.50	73.70	0.89	18.0	109.1	Clear,Small Orange Particulates	No Odor
11:34	5	200	6.96	1.30	7.11	1.52	44.50	0.86	18.2	108.9	Clear	No Odor
11:39	5	200	6.96	1.56	7.12	1.52	28.20	0.85	18.4	105.1	Clear	No Odor
11:44	5	200	6.96	1.82	7.11	1.53	20.00	0.86	18.5	100.5	Clear	No Odor
11:49	5	200	6.96	2.08	7.10	1.54	18.10	0.83	18.1	99.0	Clear	No Odor
11:54	5	200	6.96	2.34	7.10	1.54	18.30	0.85	18.1	97.2	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC (Roush Wells Only)	40 mL Glass	3	HCL
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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-205 ROW at Roush	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-205S			Date	8-3-20
Project Name/Location	Ford LTP			Weather	77 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.89	Total Depth (ft-bmp)	9.01	Water Column (ft.)	2.12	Gallons in Well	0.34
		Pump Intake (ft-bmp)	8.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.35				
Sample Time: Label	12:55	Volume Purged	1.82 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:13						
Purge End	12:57						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:17	0	200	6.92	0.00	7.75	2.66	12.50	3.75	20.7	1.3	Clear	No Odor
12:22	5	200	6.96	0.26	7.68	2.65	3.80	3.91	20.6	1.6	Clear	No Odor
12:27	5	200	6.96	0.52	7.55	2.67	2.03	4.25	20.7	-12.2	Clear	No Odor
12:32	5	200	6.96	0.78	7.45	2.68	6.61	4.29	20.5	-26.7	Clear	No Odor
12:37	5	200	6.96	1.04	7.37	2.69	4.25	4.31	20.3	-47.1	Clear	No Odor
12:42	5	200	6.96	1.30	7.34	2.74	0.02	4.30	20.4	-37.9	Clear	No Odor
12:47	5	200	6.96	1.56	7.34	2.76	0.02	4.23	20.6	-35.2	Clear	No Odor
12:52	5	200	6.96	1.82	7.33	2.79	0.02	3.97	20.6	-30.1	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC (Roush Wells Only)	40 mL Glass	3	HCL
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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-205S ROW at Roush	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-88S			Date	8-10-20
Project Name/Location	Ford LTP			Weather	85 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)	7.16	Total Depth (ft-bmp)	12.90	Water Column (ft.)	5.74	Gallons in Well	0.93
		Pump Intake (ft-bmp)	8.66	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.61				
Sample Time: Label	15:43	Volume Purged	2.43 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:38						
Purge End	15:51						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:38	0	250	7.19	0.00	7.77	0.41	4.88	0.29	17.5	150.7	Clear	No Odor
14:43	5	100	7.16	0.33	7.46	0.41	6.73	0.12	17.4	100.5	Clear	No Odor
14:48	5	100	7.17	0.46	7.68	0.42	7.33	0.11	18.8	66.5	Clear	No Odor
14:53	5	150	7.17	0.59	7.72	0.41	16.60	0.14	18.4	40.2	Clear	No Odor
14:58	5	150	7.18	0.79	7.59	0.40	7.93	0.07	18.0	26.4	Clear	No Odor
15:03	5	150	7.18	0.99	7.62	0.40	9.71	0.08	18.1	11.8	Clear	No Odor
15:08	5	150	7.18	1.19	7.67	0.39	9.65	0.06	18.2	-2.2	Clear	No Odor
15:13	5	180	7.19	1.39	7.73	0.38	4.19	0.08	18.1	-15.5	Clear	No Odor
15:18	5	150	7.19	1.63	7.68	0.38	0.86	0.07	17.2	-23.1	Clear	No Odor
15:23	5	150	7.19	1.83	7.78	0.37	5.06	0.06	17.8	-39.0	Clear	No Odor
15:28	5	150	7.19	2.03	7.83	0.37	9.83	0.07	18.0	-50.5	Clear	No Odor
15:33	5	150	7.19	2.23	7.88	0.37	5.95	0.09	18.2	-57.3	Clear	No Odor
15:38	5	150	7.19	2.43	7.82	0.37	6.98	0.07	18.1	-63.7	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

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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-89S			Date	8-21-20
Project Name/Location	Ford LTP			Weather	63 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)	5.45	Total Depth (ft-bmp)	13.00	Water Column (ft.)	7.55	Gallons in Well	1.23
		Pump Intake (ft-bmp)	6.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.24				
Sample Time: Label	10:00	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:08						
Purge End	10:04						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:10	0	125	5.45	0.00	7.67	0.32	0.02	0.94	16.0	37.1	Clear,Small Black Particulates	No Odor
9:15	5	125	5.45	0.17	7.28	0.32	0.02	0.31	15.6	40.3	Clear	No Odor
9:20	5	125	5.45	0.34	7.14	0.32	0.02	0.52	15.4	32.4	Clear	No Odor
9:25	5	125	5.45	0.51	7.11	0.32	0.02	0.29	15.4	-7.9	Clear	No Odor
9:30	5	125	5.45	0.68	7.12	0.32	0.02	0.26	15.3	-63.3	Clear	No Odor
9:35	5	125	5.45	0.85	7.14	0.32	0.02	0.20	15.3	-86.4	Clear	No Odor
9:40	5	125	5.45	1.02	7.15	0.32	0.02	0.21	15.3	-95.0	Clear	No Odor
9:45	5	125	5.45	1.19	7.15	0.32	0.02	0.27	15.3	-100.9	Clear	No Odor
9:50	5	125	5.45	1.36	7.17	0.32	0.02	0.28	15.3	-105.6	Clear	No Odor
9:55	5	125	5.45	1.53	7.17	0.32	0.02	0.10	15.3	-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
1,1-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:	34940 Beacon St; Backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-90S			Date	8-24-20
Project Name/Location	Ford LTP			Weather	85 degrees F, Mostly Clear		
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)	6.20	Total Depth (ft-bmp)	12.18	Water Column (ft.)	5.98	Gallons in Well	0.97
		Pump Intake (ft-bmp)	7.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.35				
Sample Time: Label	13:38	Volume Purged	1.31 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:46						
Purge End	13:17						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:47	0	250	6.62	0.00	6.72	1.18	20.70	0.76	20.8	-68.9	Clear	No Odor
12:52	5	160	6.76	0.33	6.60	1.17	9.48	0.21	20.8	-71.9	Clear	No Odor
12:57	5	150	7.02	0.54	6.68	1.18	5.81	0.13	21.0	-78.9	Clear	No Odor
13:02	5	125	7.18	0.74	6.73	1.18	7.68	0.13	21.5	-84.6	Clear	No Odor
13:07	5	150	7.30	0.91	6.78	1.19	9.36	0.16	21.3	-91.1	Clear	No Odor
13:12	5	150	7.51	1.11	6.77	1.20	7.83	0.17	21.3	-94.8	Clear	No Odor
13:17	5	150	7.71	1.31	6.82	1.20	8.32	1.52	20.9	-97.3	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*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34380 Capitol side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-91S			Date	8-13-20
Project Name/Location	Ford LTP			Weather	77 degrees F, Mostly 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)	6.10	Total Depth (ft-bmp)	11.69	Water Column (ft.)	5.59	Gallons in Well	0.91
		Pump Intake (ft-bmp)	7.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.87				
Sample Time: Label	12:05	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:05						
Purge End	12:08						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	200	6.10	0.00	8.31	0.93	4.19	2.57	17.8	126.3	Clear	No Odor
11:10	5	150	6.10	0.26	7.35	0.91	6.10	0.44	16.9	142.1	Clear,Small Orange Particulates	No Odor
11:15	5	150	6.10	0.46	7.18	0.95	4.86	0.41	17.0	132.8	Clear	No Odor
11:20	5	100	6.10	0.66	7.18	1.00	3.70	0.34	17.4	110.6	Clear	No Odor
11:25	5	100	6.11	0.79	7.14	1.11	0.88	0.33	17.1	70.9	Clear	No Odor
11:30	5	100	6.10	0.92	7.18	1.18	1.09	0.32	17.2	-8.4	Clear	No Odor
11:35	5	100	6.10	1.05	7.16	1.24	0.13	0.29	17.2	-49.1	Clear	No Odor
11:40	5	100	6.10	1.18	7.16	1.29	0.74	0.24	17.0	-68.7	Clear	No Odor
11:45	5	100	6.10	1.31	7.20	1.32	0.02	0.28	17.4	-80.0	Clear	No Odor
11:50	5	100	6.10	1.44	7.17	1.37	0.02	0.21	17.1	-84.0	Clear	No Odor
11:55	5	100	6.10	1.57	7.22	1.37	1.36	0.24	17.6	-91.1	Clear	No Odor
12:00	5	100	6.10	1.70	7.23	1.38	0.65	0.23	17.5	-92.2	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
1,1-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:	12034 Brewster;SW of house in front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-92S			Date	8-20-20
Project Name/Location	Ford LTP			Weather	61 degrees F, Mostly Clear		
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)	6.32	Total Depth (ft-bmp)	12.11	Water Column (ft.)	5.79	Gallons in Well	0.94
		Pump Intake (ft-bmp)	7.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.33				
Sample Time: Label	10:17	Volume Purged	2.19 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:15						
Purge End	10:21						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	125	6.33	0.00	6.93	0.83	6.46	1.06	20.2	190.0	Clear	No Odor
9:20	5	150	6.33	0.17	6.87	0.81	4.63	0.53	19.9	181.3	Clear	No Odor
9:25	5	125	6.33	0.37	6.85	0.82	2.17	0.44	19.9	173.7	Clear	No Odor
9:30	5	125	6.32	0.54	6.87	0.83	3.07	0.52	19.9	168.1	Clear	No Odor
9:35	5	150	6.32	0.71	6.88	0.87	4.45	0.42	20.0	165.5	Clear	No Odor
9:40	5	150	6.33	0.91	6.88	0.95	3.29	0.39	19.9	162.7	Clear	No Odor
9:45	5	150	6.33	1.11	6.88	1.01	3.66	0.40	19.9	152.3	Clear	No Odor
9:50	5	150	6.33	1.31	6.89	1.04	2.60	0.39	19.9	139.3	Clear	No Odor
9:55	5	125	6.32	1.51	6.89	1.06	2.09	0.38	20.0	123.9	Clear	No Odor
10:00	5	125	6.32	1.68	6.89	1.07	2.10	0.37	20.0	106.9	Clear	No Odor
10:05	5	125	6.32	1.85	6.88	1.09	2.75	0.36	20.1	90.2	Clear	No Odor
10:10	5	125	6.32	2.02	6.87	1.09	3.12	0.38	20.3	75.5	Clear	No Odor
10:15	5	150	6.32	2.19	6.90	1.12	4.11	0.31	20.1	60.0	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

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:	12036 Brewster front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-93S			Date	8-25-20
Project Name/Location		Ford LTP		Weather	79 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)	6.75	Total Depth (ft-bmp)	12.05	Water Column (ft.)	5.30	Gallons in Well	0.86
		Pump Intake (ft-bmp)	8.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.86				
Sample Time: Label	12:10	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:29						
Purge End	12:14						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	150	6.75	0.00	8.35	1.22	0.02	1.13	17.4	105.1	Clear,Small Black Particulates,Sma	No Odor
11:35	5	150	6.75	0.20	7.52	1.16	0.02	0.54	17.3	110.3	Clear	No Odor
11:40	5	150	6.75	0.40	7.44	1.17	0.02	0.39	16.8	8.5	Clear	No Odor
11:45	5	150	6.75	0.60	7.40	1.18	0.02	0.40	16.6	-55.5	Clear	No Odor
11:50	5	150	6.75	0.80	7.40	1.21	0.02	0.41	16.5	-83.3	Clear	No Odor
11:55	5	150	6.75	1.00	7.38	1.23	0.02	0.40	16.3	-97.2	Clear	No Odor
12:00	5	150	6.75	1.20	7.37	1.25	0.02	0.41	16.2	-103.5	Clear	No Odor
12:05	5	150	6.75	1.40	7.39	1.26	0.02	0.38	16.2	-108.3	Clear	No Odor
12:10	5	150	6.75	1.60	7.40	1.26	0.02	0.36	16.2	-110.6	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

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:	11775 Boston Post St, North of house in front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-94S			Date	8-25-20
Project Name/Location	Ford LTP			Weather	74 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)	7.10	Total Depth (ft-bmp)	12.23	Water Column (ft.)	5.13	Gallons in Well	0.83
		Pump Intake (ft-bmp)	8.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.89				
Sample Time: Label	10:40	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:39						
Purge End	10:44						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	150	7.11	0.00	7.07	1.29	8.34	1.11	17.2	205.3	Clear,Small Black Particulates	No Odor
9:45	5	150	7.10	0.20	6.90	1.27	5.28	0.39	16.8	199.6	Clear,Small Black Particulates	No Odor
9:50	5	150	7.10	0.40	6.97	1.29	2.43	0.35	16.9	195.4	Clear,Small Black Particulates	No Odor
9:55	5	150	7.10	0.60	7.11	1.35	2.32	0.34	16.6	188.7	Clear	No Odor
10:00	5	150	7.10	0.80	7.10	1.40	0.82	0.28	16.5	182.0	Clear	No Odor
10:05	5	150	7.10	1.00	7.22	1.40	0.42	0.28	17.0	172.1	Clear	No Odor
10:10	5	150	7.10	1.20	7.18	1.44	0.02	0.25	16.5	169.2	Clear	No Odor
10:15	5	150	7.10	1.40	7.21	1.45	0.02	0.22	16.5	163.0	Clear	No Odor
10:20	5	150	7.10	1.60	7.24	1.46	0.02	0.23	16.5	156.0	Clear	No Odor
10:25	5	150	7.10	1.80	7.22	1.47	0.02	0.24	16.4	151.0	Clear	No Odor
10:30	5	150	7.10	2.00	7.24	1.49	0.02	0.28	16.4	145.1	Clear	No Odor
10:35	5	150	7.10	2.20	7.26	1.51	0.02	0.23	16.5	137.2	Clear	No Odor
10:40	5	150	7.10	2.40	7.26	1.53	0.02	0.38	16.4	126.0	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

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:	11680 Boston Post St, West of house	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-95S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	68 degrees F, Mostly Clear		
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)	5.39	Total Depth (ft-bmp)	12.01	Water Column (ft.)	6.62	Gallons in Well	1.08
		Pump Intake (ft-bmp)	6.89	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.10				
Sample Time: Label	11:53	Volume Purged	2.27 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:51						
Purge End	11:58						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:51	0	140	5.40	0.00	7.07	0.52	4.87	5.41	17.5	183.1	Clear	No Odor
10:56	5	150	5.40	0.18	6.88	0.53	1.87	4.57	17.0	176.4	Clear	No Odor
11:01	5	150	5.41	0.38	6.72	0.56	2.07	2.99	16.8	174.3	Clear	No Odor
11:06	5	150	5.41	0.58	6.68	0.60	1.01	2.18	16.7	173.9	Clear	No Odor
11:11	5	150	5.40	0.78	6.68	0.68	1.11	1.98	16.7	167.6	Clear	No Odor
11:16	5	150	5.40	0.98	6.70	0.84	1.64	1.86	16.8	117.7	Clear	No Odor
11:21	5	150	5.40	1.18	6.72	0.97	1.53	2.08	16.9	73.4	Clear	No Odor
11:26	5	140	5.40	1.38	6.75	1.04	0.47	1.85	17.0	51.7	Clear	No Odor
11:31	5	130	5.40	1.56	6.75	1.16	2.27	1.59	16.8	37.7	Clear	No Odor
11:36	5	140	5.40	1.73	6.61	1.26	0.97	1.46	16.9	30.0	Clear	No Odor
11:41	5	140	5.41	1.91	6.52	1.38	1.52	1.35	16.9	22.3	Clear	No Odor
11:46	5	140	5.40	2.09	6.49	1.48	3.61	1.28	16.8	16.1	Clear	No Odor
11:51	5	140	5.40	2.27	6.50	1.52	1.87	1.28	16.9	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

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:	12131 Boston Post backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-103S			Date	8-20-20
Project Name/Location		Ford LTP		Weather	66 degrees F, Partly 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)	4.82	Total Depth (ft-bmp)	6.73	Water Column (ft.)	1.91	Gallons in Well	0.31
		Pump Intake (ft-bmp)	6.32	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.52				
Sample Time: Label	11:49	Volume Purged	2.33 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:14						
Purge End	11:55						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	250	4.87	0.00	6.65	1.04	18.30	0.75	19.6	-62.8	Small Orange Particulates	No Odor
11:20	5	300	4.88	0.33	6.57	1.16	7.77	0.23	19.3	-60.1	Clear	No Odor
11:25	5	300	4.89	0.73	6.58	1.16	7.28	0.23	19.2	-61.1	Clear	No Odor
11:30	5	300	4.89	1.13	6.59	1.16	5.23	0.19	19.1	-62.1	Clear	No Odor
11:35	5	300	4.89	1.53	6.57	1.18	3.15	0.16	19.2	-64.5	Clear	No Odor
11:40	5	300	4.89	1.93	6.59	1.17	3.73	0.16	19.2	-65.0	Clear	No Odor
11:45	5	300	4.89	2.33	6.54	1.20	3.69	0.12	18.8	-74.4	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

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

Well Information

Well Location:	34424 Capitol back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-104S			Date	8-7-20
Project Name/Location		Ford LTP		Weather	63 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.05	Total Depth (ft-bmp)	14.18	Water Column (ft.)	3.13	Gallons in Well	0.51
		Pump Intake (ft-bmp)	12.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.53				
Sample Time: Label	10:00	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:25						
Purge End	10:13						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	100	11.08	0.00	8.02	0.29	2.50	5.93	14.6	178.7	Clear	No Odor
9:30	5	100	11.09	0.13	7.76	0.25	1.67	5.43	14.3	191.3	Clear	No Odor
9:35	5	100	11.10	0.26	7.71	0.22	1.70	5.40	14.3	193.7	Clear	No Odor
9:40	5	100	11.10	0.39	7.64	0.21	1.35	5.41	14.3	193.2	Clear	No Odor
9:45	5	100	11.10	0.52	7.60	0.21	1.69	5.43	14.3	190.6	Clear	No Odor
9:50	5	100	11.10	0.65	7.60	0.21	1.68	5.50	14.3	189.3	Clear	No Odor
9:55	5	100	11.10	0.78	7.59	0.21	2.76	5.36	14.4	187.9	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
VOCs	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:	34900 Standish; NW of garage in backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-109S			Date	8-20-20
Project Name/Location		Ford LTP		Weather	61 degrees F, Mostly Clear		
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)	7.30	Total Depth (ft-bmp)	12.38	Water Column (ft.)	5.08	Gallons in Well	0.83
		Pump Intake (ft-bmp)	8.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.31				
Sample Time: Label	9:45	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:44						
Purge End	9:48						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:45	0	100	7.30	0.00	7.44	1.41	0.02	0.90	15.3	169.5	Clear	No Odor
8:50	5	100	7.30	0.13	7.42	1.41	0.02	0.56	15.3	159.7	Clear	No Odor
8:55	5	100	7.26	0.26	7.47	1.36	0.02	0.45	15.3	149.4	Clear	No Odor
9:00	5	125	7.26	0.39	7.47	1.49	0.02	0.40	15.3	147.1	Clear	No Odor
9:05	5	125	7.26	0.56	7.43	1.79	0.02	0.45	15.2	145.0	Clear	No Odor
9:10	5	125	7.26	0.73	7.45	1.96	0.02	0.46	15.2	140.1	Clear	No Odor
9:15	5	125	7.26	0.90	7.46	2.04	0.02	0.46	15.2	136.4	Clear	No Odor
9:20	5	125	7.26	1.07	7.47	2.15	0.02	0.43	15.2	132.0	Clear	No Odor
9:25	5	125	7.26	1.24	7.44	2.31	0.02	0.44	15.1	130.1	Clear	No Odor
9:30	5	125	7.26	1.41	7.43	2.41	0.02	0.46	15.1	128.6	Clear	No Odor
9:35	5	125	7.26	1.58	7.42	2.46	0.02	0.47	15.1	127.5	Clear	No Odor
9:40	5	125	7.26	1.75	7.47	2.51	0.02	0.51	15.3	123.2	Clear	No Odor
9:45	5	125	7.26	1.92	7.42	2.55	0.02	0.46	15.2	123.0	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

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

Well Information

Well Location:	34990 Beacon St; north of house	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-110S			Date	8-7-20
Project Name/Location		Ford LTP		Weather	72 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.59	Total Depth (ft-bmp)	12.67	Water Column (ft.)	3.08	Gallons in Well	0.50
		Pump Intake (ft-bmp)	11.09	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.76				
Sample Time: Label	11:55	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:00						
Purge End	11:58						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	125	9.60	0.00	7.55	0.38	0.56	6.75	15.5	131.2	Clear	No Odor
11:05	5	100	9.60	0.17	7.30	0.34	0.21	5.99	15.8	149.5	Clear	No Odor
11:10	5	100	9.61	0.30	7.28	0.32	0.24	6.64	15.3	152.4	Clear	No Odor
11:15	5	100	9.60	0.43	7.31	0.32	0.78	6.35	15.9	149.2	Clear	No Odor
11:20	5	125	9.61	0.56	7.30	0.31	0.96	5.59	15.3	148.6	Clear	No Odor
11:25	5	100	9.61	0.73	7.31	0.32	0.38	6.01	15.6	146.0	Clear	No Odor
11:30	5	100	9.61	0.86	7.31	0.31	0.56	6.47	15.4	146.9	Clear	No Odor
11:35	5	100	9.61	0.99	7.41	0.31	1.24	6.86	15.5	143.0	Clear	No Odor
11:40	5	100	9.61	1.12	7.30	0.31	0.29	6.70	15.3	149.9	Clear	No Odor
11:45	5	100	6.91	1.25	7.30	0.30	0.02	6.68	15.2	148.7	Clear	No Odor
11:50	5	100	6.91	1.38	7.28	0.30	0.02	6.57	15.4	148.5	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
VOCs	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

One bolt snapped when opening well

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:	34850 Standish, SW of house in front yard	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-111S			Date	8-4-20
Project Name/Location		Ford LTP		Weather	72 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)	9.08	Total Depth (ft-bmp)	12.71	Water Column (ft.)	3.63	Gallons in Well	0.59
		Pump Intake (ft-bmp)	10.58	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.46				
Sample Time: Label	13:00	Volume Purged	1.45 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:15						
Purge End	13:05						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	125	9.10	0.00	7.50	0.62	1.09	1.43	16.0	-22.8	Clear	No Odor
12:20	5	125	9.10	0.17	7.17	0.61	1.35	1.03	15.6	-13.7	Clear	No Odor
12:25	5	150	9.10	0.34	7.20	0.59	0.90	0.93	15.5	-10.9	Clear	No Odor
12:30	5	130	9.11	0.54	7.22	0.57	0.02	0.93	15.6	-8.6	Clear	No Odor
12:35	5	125	9.10	0.71	7.24	0.57	0.02	0.79	15.6	-6.9	Clear	No Odor
12:40	5	125	9.11	0.88	7.23	0.57	0.02	0.93	15.5	-3.5	Clear	No Odor
12:45	5	150	9.11	1.05	7.23	0.57	0.02	0.69	15.5	-1.2	Clear	No Odor
12:50	5	150	9.11	1.25	7.23	0.57	0.02	0.65	15.5	0.5	Clear	No Odor
12:55	5	150	9.11	1.45	7.27	0.57	0.02	0.68	15.6	-0.7	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
VOCs	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:	12051 Stark: SW of house in yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-112S			Date	8-11-20
Project Name/Location	Ford LTP			Weather	86 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)	7.80	Total Depth (ft-bmp)	11.75	Water Column (ft.)	3.95	Gallons in Well	0.64
		Pump Intake (ft-bmp)	9.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.00				
Sample Time: Label	16:03	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	15:06						
Purge End	16:07						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:08	0	125	7.82	0.00	6.35	0.36	7.05	5.80	17.8	169.1	Clear	No Odor
15:13	5	140	7.82	0.17	6.21	0.36	11.00	5.73	17.2	166.4	Clear	No Odor
15:18	5	125	7.82	0.35	6.38	0.36	8.78	5.75	16.9	156.9	Clear	No Odor
15:23	5	150	7.82	0.52	6.56	0.38	6.67	5.82	16.8	151.7	Clear	No Odor
15:28	5	140	7.81	0.72	6.68	0.39	7.19	5.75	16.7	148.4	Clear	No Odor
15:33	5	150	7.82	0.90	6.77	0.40	8.42	5.68	16.8	146.2	Clear	No Odor
15:38	5	160	7.82	1.10	6.86	0.41	3.92	5.65	16.7	144.2	Clear	No Odor
15:43	5	150	7.82	1.31	6.88	0.42	4.12	5.58	16.7	145.3	Clear	No Odor
15:48	5	160	7.82	1.51	6.93	0.43	3.62	5.55	16.5	144.7	Clear	No Odor
15:53	5	150	7.82	1.72	6.97	0.44	4.14	5.33	16.6	145.5	Clear	No Odor
15:58	5	150	7.82	1.92	7.00	0.44	1.99	5.28	16.7	145.0	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 One bolt missing washer

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 side yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-115S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	68 degrees F, Mostly Clear		
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)	6.20	Total Depth (ft-bmp)	12.56	Water Column (ft.)	6.36	Gallons in Well	1.03
		Pump Intake (ft-bmp)	7.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.63				
Sample Time: Label	11:40	Volume Purged	0.65 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:05						
Purge End	11:42						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	100	6.20	0.00	7.85	1.04	2.70	1.36	18.6	81.5	Clear,Small Orange Particulates,Sma	No Odor
11:10	5	100	6.20	0.00	7.34	1.31	5.33	0.60	18.6	-66.7	Clear,Small Orange Particulates,Sma	No Odor
11:15	5	100	6.20	0.13	7.27	1.39	4.86	0.56	18.7	-91.7	Clear,Small Orange Particulates,Sma	No Odor
11:20	5	100	6.20	0.26	7.26	1.45	4.07	0.46	18.7	-93.4	Clear,Small White Particulates	No Odor
11:25	5	100	6.20	0.39	7.23	1.46	3.01	0.36	18.7	-89.3	Clear	No Odor
11:30	5	100	6.20	0.52	7.20	1.49	2.01	0.45	18.6	-90.0	Clear	No Odor
11:35	5	100	6.20	0.65	7.19	1.50	1.93	0.47	18.6	-88.4	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
1,1-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:	12070 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-116S			Date	8-12-20
Project Name/Location	Ford LTP			Weather	83 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)	9.03	Total Depth (ft-bmp)	12.80	Water Column (ft.)	3.77	Gallons in Well	0.61
		Pump Intake (ft-bmp)	10.53	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.90				
Sample Time: Label	15:20	Volume Purged	2.38 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:16						
Purge End	15:24						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:17	0	125	9.07	0.00	8.86	0.59	19.30	6.29	18.7	88.7	Clear	No Odor
14:22	5	150	9.08	0.17	7.22	0.35	24.20	4.21	17.2	104.5	Clear	No Odor
14:27	5	150	9.07	0.37	7.03	0.27	20.10	4.29	17.0	96.2	Clear	No Odor
14:32	5	150	9.08	0.57	7.07	0.27	12.60	3.85	16.8	91.2	Clear	No Odor
14:37	5	150	9.08	0.77	7.14	0.26	11.60	3.84	16.7	88.0	Clear	No Odor
14:42	5	150	9.08	0.97	7.21	0.27	9.57	3.68	16.7	84.9	Clear	No Odor
14:47	5	150	9.08	1.17	7.30	0.27	9.14	3.43	16.7	82.3	Clear	No Odor
14:52	5	150	9.08	1.37	7.34	0.28	8.97	3.11	16.7	82.2	Clear	No Odor
14:57	5	150	9.07	1.57	7.33	0.30	6.37	2.90	16.6	84.4	Clear	No Odor
15:02	5	160	9.08	1.77	7.35	0.33	7.00	2.70	16.6	84.7	Clear	No Odor
15:07	5	150	9.08	1.98	7.29	0.35	6.70	2.57	16.5	88.3	Clear	No Odor
15:12	5	150	9.08	2.18	7.39	0.37	7.73	2.38	16.7	85.8	Clear	No Odor
15:17	5	150	9.08	2.38	7.39	0.39	7.34	2.31	16.6	89.5	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

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 backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-117S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	65 degrees F, Mostly Clear		
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)	8.08	Total Depth (ft-bmp)	12.45	Water Column (ft.)	4.37	Gallons in Well	0.71
		Pump Intake (ft-bmp)	9.58	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.20				
Sample Time: Label	10:36	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:35						
Purge End	10:42						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:35	0	100	8.11	0.00	6.96	0.59	6.64	1.71	14.7	258.5	Clear	No Odor
9:40	5	100	8.11	0.13	6.97	0.65	3.75	1.42	14.5	268.3	Clear,Small White Particulates	No Odor
9:45	5	100	8.11	0.26	7.03	0.77	3.88	1.08	14.8	266.8	Clear,Small White Particulates	No Odor
9:50	5	100	8.11	0.39	7.20	0.93	3.95	0.73	14.9	258.4	Clear,Small White Particulates	No Odor
9:55	5	100	8.11	0.52	7.20	0.95	3.53	0.71	14.9	257.6	Clear,Small White Particulates	No Odor
10:00	5	100	8.11	0.65	7.21	1.02	3.98	0.70	14.7	249.1	Clear,Small White Particulates	No Odor
10:05	5	100	8.11	0.78	7.24	1.06	2.88	0.71	14.9	237.3	Clear,Small White Particulates	No Odor
10:10	5	100	8.11	0.91	7.24	1.10	2.03	0.69	14.7	230.3	Clear,Small White Particulates	No Odor
10:15	5	100	8.11	1.04	7.25	1.15	3.22	0.69	14.8	220.7	Clear	No Odor
10:20	5	100	8.11	1.17	7.25	1.15	2.06	0.68	14.7	216.5	Clear	No Odor
10:25	5	100	8.11	1.30	7.27	1.19	1.93	0.60	14.5	211.0	Clear	No Odor
10:30	5	100	8.11	1.43	7.26	1.18	1.54	0.58	14.6	203.9	Clear	No Odor
10:35	5	100	8.11	1.56	7.27	1.17	2.21	0.52	14.9	197.8	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

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:	12089 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-118S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	65 degrees F, Mostly Clear		
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)	7.07	Total Depth (ft-bmp)	12.41	Water Column (ft.)	5.34	Gallons in Well	0.87
		Pump Intake (ft-bmp)	8.57	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.05				
Sample Time: Label	10:20	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:43						
Purge End	10:24						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	100	7.07	0.00	6.92	1.48	1.64	0.78	12.8	-94.0	Clear	No Odor
9:50	5	100	7.10	0.13	6.89	1.73	0.45	0.37	15.8	-97.1	Clear	No Odor
9:55	5	100	7.10	0.26	6.91	1.87	0.02	0.21	15.7	-102.7	Clear	No Odor
10:00	5	100	7.10	0.39	6.96	1.93	1.96	0.29	15.8	-102.8	Clear	No Odor
10:05	5	100	7.10	0.52	6.97	2.15	0.71	0.20	15.7	-106.1	Clear	No Odor
10:10	5	100	7.10	0.65	6.99	2.27	0.02	0.17	15.7	-107.6	Clear	No Odor
10:15	5	100	7.10	0.78	7.01	2.31	0.02	0.19	15.8	-108.6	Clear	No Odor
10:20	5	100	7.10	0.91	7.03	2.33	0.02	0.19	15.8	-109.8	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

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:	12124 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-119S			Date	8-18-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly Clear		
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)	6.02	Total Depth (ft-bmp)	12.32	Water Column (ft.)	6.30	Gallons in Well	1.02
		Pump Intake (ft-bmp)	7.52	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.39				
Sample Time: Label	14:17	Volume Purged	2.44 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:14						
Purge End	14:21						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:14	0	150	6.02	0.00	7.27	0.69	2.96	3.59	18.0	79.0	Clear	No Odor
13:19	5	175	6.02	0.20	7.00	0.71	2.28	0.38	17.9	84.5	Clear	No Odor
13:24	5	150	6.02	0.43	7.06	0.81	3.05	0.22	17.3	74.3	Clear	No Odor
13:29	5	160	6.02	0.63	7.07	0.91	4.08	0.28	17.7	46.2	Clear	No Odor
13:34	5	150	6.02	0.84	7.12	1.01	0.99	0.29	18.0	21.9	Clear	No Odor
13:39	5	150	6.02	1.04	7.14	1.12	0.51	0.27	18.0	3.8	Clear	No Odor
13:44	5	150	6.02	1.24	7.13	1.22	3.19	0.25	17.8	-16.3	Clear	No Odor
13:49	5	150	6.02	1.44	7.09	1.28	1.42	0.27	17.9	-26.0	Clear	No Odor
13:54	5	150	6.02	1.64	7.10	1.31	4.45	0.24	18.1	-35.0	Clear	No Odor
13:59	5	150	6.02	1.84	7.13	1.35	1.72	0.24	17.3	-43.6	Clear	No Odor
14:04	5	150	6.02	2.04	7.09	1.36	3.47	0.29	17.5	-44.8	Clear	No Odor
14:09	5	150	6.02	2.24	7.12	1.38	4.72	0.30	17.9	-50.0	Clear	No Odor
14:14	5	150	6.02	2.44	7.14	1.42	3.19	0.25	17.4	-54.9	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

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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-121S			Date	8-13-20
Project Name/Location	Ford LTP			Weather	84 degrees F, Mostly 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)	6.95	Total Depth (ft-bmp)	12.10	Water Column (ft.)	5.15	Gallons in Well	0.84
		Pump Intake (ft-bmp)	8.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.43				
Sample Time: Label	14:19	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:28						
Purge End	14:25						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	150	6.96	0.00	6.92	0.62	8.44	1.77	17.0	138.5	Clear	No Odor
13:35	5	175	6.97	0.20	7.05	0.63	25.50	0.45	17.5	114.4	Clear	No Odor
13:40	5	175	6.96	0.43	7.12	0.63	17.10	0.42	17.3	108.5	Clear	No Odor
13:45	5	175	6.96	0.66	7.18	0.63	14.60	0.37	17.0	105.3	Clear	No Odor
13:50	5	175	6.96	0.89	7.19	0.63	16.80	0.47	17.1	103.8	Clear	No Odor
13:55	5	175	6.96	1.12	7.24	0.63	10.10	0.40	17.2	101.8	Clear	No Odor
14:00	5	175	6.96	1.35	7.28	0.63	12.50	0.38	17.4	100.4	Clear	No Odor
14:05	5	175	6.96	1.58	7.27	0.64	9.50	0.37	17.2	102.1	Clear	No Odor
14:10	5	175	6.96	1.81	7.26	0.64	9.24	0.37	17.0	103.8	Clear	No Odor
14:15	5	175	6.96	2.04	7.24	0.63	10.10	0.37	16.7	104.9	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

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

Well Information

Well Location:	11710 Boston Post side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-123S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	73 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)	3.58	Total Depth (ft-bmp)	10.98	Water Column (ft.)	7.40	Gallons in Well	1.20
		Pump Intake (ft-bmp)	5.08	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.81				
Sample Time: Label	14:11	Volume Purged	2.17 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:10						
Purge End	14:14						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:10	0	150	3.62	0.00	7.37	2.24	8.89	0.78	20.2	66.3	Clear	No Odor
13:15	5	120	3.61	0.20	7.01	2.57	11.40	0.24	19.0	-34.9	Clear	No Odor
13:20	5	120	3.61	0.36	7.02	2.68	12.10	0.26	19.3	-50.8	Clear	No Odor
13:25	5	120	3.61	0.52	7.03	2.77	17.00	0.13	19.0	-61.1	Clear	No Odor
13:30	5	170	3.62	0.68	7.04	2.76	9.66	0.11	18.6	-67.9	Clear	No Odor
13:35	5	150	3.62	0.90	6.97	2.77	8.10	0.08	19.3	-69.0	Clear	No Odor
13:40	5	150	3.62	1.10	6.84	2.80	8.64	0.08	18.6	-72.0	Clear	No Odor
13:45	5	150	3.62	1.30	6.77	2.79	6.10	0.07	19.3	-71.5	Clear	No Odor
13:50	5	125	3.61	1.50	6.89	2.82	13.60	0.07	19.7	-75.3	Clear	No Odor
13:55	5	125	3.61	1.67	7.02	2.81	11.90	0.11	19.7	-75.4	Clear	No Odor
14:00	5	120	3.61	1.84	7.06	2.81	9.85	0.08	20.1	-76.9	Clear	No Odor
14:05	5	130	3.61	2.00	7.08	2.84	9.85	0.12	20.0	-79.0	Clear	No Odor
14:10	5	125	3.61	2.17	7.12	2.83	8.52	0.13	20.2	-81.2	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*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12075 Brewster side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-125			Date	8-20-20
Project Name/Location	Ford LTP			Weather	69 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)	1.73	Total Depth (ft-bmp)	11.78	Water Column (ft.)	10.05	Gallons in Well	1.63
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.45				
Sample Time: Label	17:00	Volume Purged	2.36 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	15:56						
Purge End	17:04						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:00	0	150	1.85	0.00	6.72	1.79	6.00	0.93	17.7	-134.1	Clear,Small Black Particulates,Sma	No Odor
16:05	5	150	1.85	0.20	6.71	1.74	16.80	0.58	17.2	-125.7	Clear,Small Brown Particulates	No Odor
16:10	5	150	1.85	0.40	6.73	1.74	11.30	0.49	17.3	-125.3	Clear,Small Orange Particulates	No Odor
16:15	5	150	1.85	0.60	6.75	1.74	10.50	0.63	17.2	-125.9	Clear,Small Black Particulates,Sma	No Odor
16:20	5	150	1.85	0.80	6.79	1.74	4.68	0.70	17.4	-127.7	Clear	No Odor
16:25	5	150	1.85	1.00	6.75	1.74	6.58	0.44	17.2	-125.4	Clear,Small Orange Particulates	No Odor
16:30	5	120	1.83	1.20	6.76	1.75	4.02	0.48	17.3	-126.3	Clear,Small Orange Particulates	No Odor
16:35	5	150	1.82	1.36	6.75	1.76	6.24	0.45	17.2	-125.4	Clear,Small Orange Particulates	No Odor
16:40	5	150	1.81	1.56	6.76	1.76	11.20	0.53	17.2	-125.2	Clear,Small Orange Particulates	No Odor
16:45	5	150	1.81	1.76	6.76	1.78	6.48	0.56	17.2	-125.5	Clear,Small Orange Particulates	No Odor
16:50	5	150	1.81	1.96	6.78	1.79	7.95	0.38	17.1	-125.7	Clear,Small Orange Particulates	No Odor
16:55	5	150	1.81	2.16	6.78	1.79	5.03	0.52	17.0	-126.1	Clear,Small Orange Particulates	No Odor
17:00	5	150	1.81	2.36	6.76	1.79	5.07	0.44	17.2	-125.0	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

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:	35601 Veronica Ave (deep), South of warehouse	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-125S			Date	8-20-20
Project Name/Location	Ford LTP			Weather	69 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.85	Total Depth (ft-bmp)	6.76	Water Column (ft.)	4.91	Gallons in Well	0.80
		Pump Intake (ft-bmp)	3.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.10				
Sample Time: Label	15:35	Volume Purged	0.88 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	15:00						
Purge End	15:38						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:00	0	150	1.88	0.00	6.50	1.84	0.02	1.52	20.2	-117.0	Clear,Small White Particulates	No Odor
15:05	3	150	1.88	0.12	6.34	1.83	2.39	0.31	19.9	-105.0	Clear,Small Black Particulates	No Odor
15:10	5	125	1.85	0.32	6.35	1.84	1.71	0.21	19.9	-103.6	Clear,Small Black Particulates	No Odor
15:15	5	100	1.85	0.49	6.42	1.84	3.22	0.18	20.0	-106.5	Clear	No Odor
15:20	5	100	1.85	0.62	6.45	1.85	4.36	0.18	19.7	-108.4	Clear	No Odor
15:25	5	100	1.85	0.75	6.46	1.84	2.62	0.14	19.8	-109.6	Clear	No Odor
15:30	5	100	1.85	0.88	6.50	1.85	0.02	0.31	19.9	-114.2	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
1,1-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:	35601 Veronica Ave (shallow), south of warehouse	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-126S			Date	8-6-20
Project Name/Location		Ford LTP		Weather	32 degrees F, Partly 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)	8.47	Total Depth (ft-bmp)	12.79	Water Column (ft.)	4.32	Gallons in Well	0.70
		Pump Intake (ft-bmp)	9.97	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.69				
Sample Time: Label	10:40	Volume Purged	1.18 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:00						
Purge End	10:42						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:00	0	150	8.47	0.00	8.42	0.15	2.97	3.77	14.0	122.8	Clear	No Odor
10:05	5	100	8.47	0.20	8.46	0.16	0.99	3.84	14.0	110.5	Clear	No Odor
10:10	5	125	8.48	0.33	8.36	0.16	1.41	3.75	14.0	104.0	Clear	No Odor
10:15	5	125	8.49	0.50	8.48	0.16	1.00	3.71	14.0	94.6	Clear	No Odor
10:20	5	125	8.49	0.67	8.43	0.15	0.02	3.52	13.8	93.3	Clear	No Odor
10:25	5	125	8.49	0.84	8.49	0.16	0.44	3.92	13.8	93.6	Clear	No Odor
10:30	5	125	8.49	1.01	8.51	0.16	0.02	3.99	13.9	91.7	Clear	No Odor
10:35	5	125	8.49	1.18	8.53	0.16	0.02	4.02	13.8	88.5	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
VOCs	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:	34966 Standish; west of house in front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-127S			Date	8-24-20
Project Name/Location	Ford LTP			Weather	70 degrees F, Partly 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)	3.80	Total Depth (ft-bmp)	12.29	Water Column (ft.)	8.49	Gallons in Well	1.38
		Pump Intake (ft-bmp)	5.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.57				
Sample Time: Label	10:00	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:28						
Purge End	10:04						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	100	3.85	0.00	6.74	1.52	2.45	0.45	19.1	46.5	Clear	No Odor
9:35	5	100	3.85	0.13	6.75	2.08	1.78	0.30	18.8	-83.4	Clear	No Odor
9:40	5	100	3.85	0.26	6.88	2.18	0.87	0.21	18.9	-101.0	Clear	No Odor
9:45	5	100	3.85	0.39	6.90	2.28	1.37	0.22	18.7	-101.1	Clear	No Odor
9:50	5	100	3.85	0.52	6.97	2.29	0.79	0.15	19.0	-101.5	Clear	No Odor
9:55	5	100	3.85	0.65	6.98	2.30	0.43	0.16	19.0	-103.1	Clear	No Odor
10:00	5	100	3.85	0.78	6.99	2.27	0.02	0.12	18.9	-104.7	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
1,1-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:	34424 Beacon St, West of house	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-128S			Date	8-4-20
Project Name/Location		Ford LTP		Weather	67 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)	7.24	Total Depth (ft-bmp)	13.10	Water Column (ft.)	5.86	Gallons in Well	0.95
		Pump Intake (ft-bmp)	8.74	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.53				
Sample Time: Label	11:10	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:05						
Purge End	11:15						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	150	7.33	0.00	7.73	0.40	20.90	2.39	16.2	103.8	Clear	No Odor
10:15	5	150	7.35	0.20	7.70	0.43	9.94	2.03	16.1	105.5	Clear	No Odor
10:20	5	150	7.37	0.40	7.47	0.53	2.19	2.04	16.0	107.3	Clear	No Odor
10:25	5	150	7.37	0.60	7.32	0.91	1.09	1.90	15.9	114.8	Clear	No Odor
10:30	5	150	7.38	0.80	7.28	1.14	0.40	1.81	15.9	109.0	Clear	No Odor
10:35	5	150	7.38	1.00	7.29	1.27	0.02	1.82	15.8	77.0	Clear	No Odor
10:40	5	150	7.38	1.20	7.30	1.29	0.02	1.70	15.8	54.4	Clear	No Odor
10:45	5	150	7.39	1.40	7.31	1.31	0.02	1.47	15.8	37.0	Clear	No Odor
10:50	5	150	7.39	1.60	7.31	1.31	0.02	1.48	15.7	27.8	Clear	No Odor
10:55	5	150	7.40	1.80	7.31	1.32	0.02	1.51	15.8	15.5	Clear	No Odor
11:00	5	150	7.40	2.00	7.34	1.32	0.02	1.37	15.8	1.1	Clear	No Odor
11:05	5	150	7.40	2.20	7.34	1.32	0.02	1.36	15.7	-10.7	Clear	No Odor
11:10	5	150	7.40	2.40	7.33	1.34	0.02	1.45	15.7	-21.9	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
VOCs	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:	34360 Capitol; Southwest of home	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-143S			Date	8-4-20
Project Name/Location		Ford LTP		Weather	75 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.33	Total Depth (ft-bmp)	10.10	Water Column (ft.)	1.77	Gallons in Well	0.29
		Pump Intake (ft-bmp)	9.83	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.38				
Sample Time: Label	14:10	Volume Purged	0.98 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:35						
Purge End	14:15						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	110	8.39	0.00	7.04	0.77	1.63	1.12	17.4	40.6	Clear	No Odor
13:40	5	110	8.39	0.15	6.91	0.76	0.46	0.73	17.6	49.9	Clear	No Odor
13:45	5	130	8.39	0.30	6.89	0.74	1.03	0.53	17.1	54.7	Clear	No Odor
13:50	5	125	8.40	0.47	6.91	0.74	0.02	0.46	17.2	57.0	Clear	No Odor
13:55	5	125	8.40	0.64	6.94	0.74	0.12	0.41	17.1	58.8	Clear	No Odor
14:00	5	125	8.40	0.81	6.95	0.73	0.02	0.35	17.0	61.3	Clear	No Odor
14:05	5	1253	8.40	0.98	6.97	0.73	0.02	0.28	16.9	63.1	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
VOCs	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:	12069 Stark; SW of house in yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-144S			Date	8-5-20
Project Name/Location	Ford LTP			Weather	60 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)	9.36	Total Depth (ft-bmp)	11.77	Water Column (ft.)	2.41	Gallons in Well	0.39
		Pump Intake (ft-bmp)	10.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.28				
Sample Time: Label	10:00	Volume Purged	1.67 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:15						
Purge End	10:07						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	100	9.38	0.00	7.25	0.37	3.34	2.99	15.8	98.1	Clear	No Odor
9:20	5	125	9.36	0.13	7.07	0.37	3.25	2.04	15.1	94.8	Clear	No Odor
9:25	5	125	9.38	0.30	7.04	0.39	2.34	1.29	14.8	89.9	Clear	No Odor
9:30	5	150	9.38	0.47	7.04	0.40	2.22	1.26	14.8	86.7	Clear	No Odor
9:35	5	150	9.38	0.67	7.05	0.43	1.26	1.18	14.7	84.0	Clear	No Odor
9:40	5	150	9.38	0.87	7.07	0.44	1.14	1.15	14.8	81.3	Clear	No Odor
9:45	5	150	9.38	1.07	7.06	0.44	1.43	1.20	14.8	81.3	Clear	No Odor
9:50	5	150	9.38	1.27	7.07	0.45	1.02	1.13	14.7	80.1	Clear	No Odor
9:55	5	150	9.38	1.47	7.07	0.46	0.15	1.09	14.8	78.7	Clear	No Odor
10:00	5	150	9.38	1.67	7.07	0.46	0.07	1.04	14.8	78.4	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
VOCs	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments None

Well Casing Volumes

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

Well Information

Well Location:	12033 Stark; NE of house in yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-145S			Date	8-5-20
Project Name/Location	Ford LTP			Weather	73 degrees F, Partly 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)	7.61	Total Depth (ft-bmp)	9.96	Water Column (ft.)	2.35	Gallons in Well	0.38
		Pump Intake (ft-bmp)	9.11	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.39				
Sample Time: Label	13:20	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:40						
Purge End	13:23						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	100	7.68	0.00	6.43	1.75	95.10	0.90	16.2	66.6	Clear,Cloudy	No Odor
12:45	5	100	7.68	0.13	6.48	1.58	108.00	5.92	15.9	-62.7	Cloudy	No Odor
12:50	5	100	7.68	0.26	6.59	1.49	50.70	5.45	15.2	-47.3	Clear	No Odor
12:55	5	100	7.68	0.39	6.67	1.44	22.40	5.27	15.1	-43.3	Clear	No Odor
13:00	5	100	7.68	0.52	6.73	1.42	7.50	5.04	15.3	-42.3	Clear	No Odor
13:05	5	100	7.68	0.65	6.77	1.39	3.39	4.88	15.3	-39.9	Clear	No Odor
13:10	5	100	7.68	0.78	6.77	1.38	0.36	4.66	15.4	-37.4	Clear	No Odor
13:15	5	100	7.68	0.91	6.81	1.36	1.04	4.49	15.4	-35.6	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
VOCs	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments None

Well Casing Volumes

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

Well Information

Well Location:	12087 Stark; NW of house in backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-146S			Date	8-20-20
Project Name/Location	Ford LTP			Weather	69 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.83	Total Depth (ft-bmp)	9.83	Water Column (ft.)	3.00	Gallons in Well	0.49
		Pump Intake (ft-bmp)	8.33	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.96				
Sample Time: Label	14:11	Volume Purged	2.43 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:08						
Purge End	14:15						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:08	0	200	7.04	0.00	6.62	1.91	109.00	3.82	19.1	60.3	Cloudy	No Odor
13:13	5	150	7.03	0.26	6.58	1.62	60.80	1.43	19.8	39.7	Cloudy	No Odor
13:18	5	150	7.02	0.46	6.56	1.77	39.70	1.15	20.5	31.1	Clear	No Odor
13:23	5	125	7.00	0.66	6.61	1.84	37.60	1.03	19.8	25.1	Clear	No Odor
13:28	5	150	7.00	0.83	6.63	1.91	28.60	0.95	20.9	19.8	Clear	No Odor
13:33	5	150	7.00	1.03	6.63	1.99	20.50	0.72	19.7	19.5	Clear	No Odor
13:38	5	150	7.01	1.23	6.59	2.06	15.60	0.65	19.6	19.7	Clear	No Odor
13:43	5	150	7.01	1.43	6.60	2.11	17.00	0.48	19.5	18.2	Clear	No Odor
13:48	5	150	7.01	1.63	6.58	2.13	10.60	0.65	19.5	18.9	Clear	No Odor
13:53	5	150	7.01	1.83	6.59	2.15	6.84	0.65	19.4	17.9	Clear	No Odor
13:58	5	150	7.01	2.03	6.60	2.15	8.97	0.69	19.4	16.7	Clear	No Odor
14:03	5	150	7.01	2.23	6.61	2.16	9.92	0.68	19.3	15.6	Clear	No Odor
14:08	5	150	7.01	2.43	6.60	2.15	15.40	0.68	19.3	16.2	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*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34367 Capitol front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-147S			Date	8-20-20
Project Name/Location	Ford LTP			Weather	69 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.45	Total Depth (ft-bmp)	6.70	Water Column (ft.)	1.25	Gallons in Well	0.20
		Pump Intake (ft-bmp)	6.08	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.50				
Sample Time: Label	15:40	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:47						
Purge End	15:46						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:47	0	130	5.57	0.00	6.69	1.91	93.50	4.57	19.3	-56.3	Brown,Cloudy	No Odor
14:52	5	130	5.57	0.17	6.53	1.90	27.50	0.41	18.4	-56.0	Clear	No Odor
14:57	5	130	5.57	0.34	6.55	1.92	33.00	0.46	18.4	-59.8	Clear	No Odor
15:02	5	130	5.58	0.51	6.57	1.92	18.40	0.32	18.4	-59.4	Clear	No Odor
15:07	5	130	5.58	0.68	6.50	2.06	238.00	0.10	18.6	-97.7	Cloudy	No Odor
15:12	5	130	5.58	0.85	6.55	1.87	31.20	0.35	18.7	-76.6	Cloudy	No Odor
15:17	5	130	5.58	1.02	6.54	1.86	13.70	0.31	19.2	-61.3	Clear	No Odor
15:22	5	130	5.58	1.19	6.39	1.90	3.21	0.31	19.1	-60.8	Clear	No Odor
15:27	5	130	5.57	1.36	6.55	1.90	3.15	0.31	19.3	-59.5	Clear	No Odor
15:32	5	130	5.57	1.53	6.63	1.90	4.25	0.32	19.2	-58.1	Clear	No Odor
15:37	5	130	5.57	1.70	6.65	1.91	3.10	0.30	19.1	-57.7	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

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:	34401 Capitol front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-147S			Date	9-11-20
Project Name/Location		Ford LTP		Weather	63 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)	4.48	Total Depth (ft-bmp)	6.72	Water Column (ft.)	2.24	Gallons in Well	0.36
		Pump Intake (ft-bmp)	5.98	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.00				
Sample Time: Label	13:33	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:57						
Purge End	13:38						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	180	4.60	0.00	7.00	1.51	3.39	3.79	17.8	84.2	Clear	No Odor
13:05	5	180	4.60	0.24	6.82	1.51	0.08	2.41	17.6	74.2	Clear	No Odor
13:10	5	180	4.60	0.48	6.83	1.53	0.02	2.15	17.5	22.2	Clear	No Odor
13:15	5	180	4.60	0.72	6.86	1.52	0.02	2.23	17.5	-13.5	Clear	No Odor
13:20	5	180	4.60	0.96	6.89	1.52	0.02	2.20	17.5	-59.0	Clear	No Odor
13:25	5	180	4.60	1.20	6.91	1.52	0.02	2.10	17.5	-67.2	Clear	No Odor
13:30	5	180	4.60	1.44	6.91	1.52	0.02	2.10	17.5	-68.1	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

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:	34401 Capitol	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-148S			Date	8-21-20
Project Name/Location	Ford LTP			Weather	63 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)	4.17	Total Depth (ft-bmp)	6.34	Water Column (ft.)	2.17	Gallons in Well	0.35
		Pump Intake (ft-bmp)	5.67	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.66				
Sample Time: Label	9:45	Volume Purged	1.28 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:10						
Purge End	9:49						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:11	0	200	4.23	0.00	6.64	2.20	18.20	5.09	17.5	93.5	Clear	No Odor
9:16	5	150	4.22	0.26	6.58	1.92	10.90	0.39	17.2	21.4	Clear	No Odor
9:21	5	150	4.22	0.46	6.61	1.82	4.13	0.23	17.2	-1.5	Clear	No Odor
9:26	5	150	4.22	0.66	6.63	1.81	3.87	0.19	17.3	-11.4	Clear	No Odor
9:31	5	160	4.22	0.86	6.66	1.81	1.34	0.15	17.3	-18.1	Clear	No Odor
9:36	5	160	4.22	1.07	6.67	1.81	2.21	0.13	17.3	-23.3	Clear	No Odor
9:41	5	160	4.21	1.28	6.68	1.82	2.58	0.11	17.4	-27.0	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

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:	12088 Brewster side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-149S			Date	8-24-20
Project Name/Location	Ford LTP			Weather	77 degrees F, Partly 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)	3.30	Total Depth (ft-bmp)	6.50	Water Column (ft.)	3.20	Gallons in Well	0.52
		Pump Intake (ft-bmp)	4.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.31				
Sample Time: Label	11:10	Volume Purged	1.2 gallons	Replicate/Code No.	DUP-17_082420	Sampled by	Emma Witherspoon
Purge Start	10:37						
Purge End	11:14						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	150	3.36	0.00	7.35	2.62	0.02	0.30	19.2	-116.0	Clear	No Odor
10:45	5	150	3.33	0.20	7.05	2.60	0.02	0.22	19.1	-108.0	Clear	No Odor
10:50	5	150	3.33	0.40	7.03	2.60	0.33	0.17	19.1	-107.6	Clear	No Odor
10:55	5	150	3.33	0.60	7.01	2.60	0.02	0.13	19.2	-108.6	Clear	No Odor
11:00	5	150	3.35	0.80	7.02	2.60	0.02	0.15	19.3	-111.4	Clear	No Odor
11:05	5	150	3.35	1.00	7.02	2.59	0.02	0.11	19.5	-111.1	Clear	No Odor
11:10	5	150	3.35	1.20	7.03	2.60	0.02	0.14	19.8	-110.4	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
1,1-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:	34450 Beacon St, North of house in backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-150S			Date	8-25-20
Project Name/Location	Ford LTP			Weather	79 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)	5.36	Total Depth (ft-bmp)	6.75	Water Column (ft.)	1.39	Gallons in Well	0.23
		Pump Intake (ft-bmp)	6.06	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	11.43				
Sample Time: Label	13:11	Volume Purged	2.63 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:06						
Purge End	13:15						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:07	0	225	5.43	0.00	9.94	1.84	103.00	5.07	19.2	121.1	Cloudy	No Odor
12:12	5	200	5.42	0.30	9.60	1.62	60.40	3.76	17.3	114.6	Cloudy	No Odor
12:17	5	175	5.42	0.56	7.68	1.54	17.90	2.86	16.8	105.8	Clear	No Odor
12:22	5	175	5.42	0.79	7.21	1.49	9.75	2.70	16.7	91.9	Clear	No Odor
12:27	5	160	5.42	1.02	7.08	1.47	8.23	2.55	16.7	68.0	Clear	No Odor
12:32	5	150	5.42	1.23	7.05	1.46	8.04	2.46	16.6	53.1	Clear	No Odor
12:37	5	150	5.42	1.43	7.04	1.45	8.79	2.36	16.5	43.7	Clear	No Odor
12:42	5	150	5.42	1.63	7.03	1.45	8.84	2.18	16.5	35.4	Clear	No Odor
12:47	5	150	5.43	1.83	7.04	1.45	9.00	2.09	16.4	27.2	Clear	No Odor
12:52	5	150	5.43	2.03	7.04	1.45	10.70	2.02	16.4	24.3	Clear	No Odor
12:57	5	150	5.42	2.23	7.05	1.45	9.22	1.90	16.4	22.0	Clear	No Odor
13:02	5	150	5.42	2.43	7.01	1.46	7.43	1.79	16.5	14.3	Clear	No Odor
13:07	5	150	5.42	2.63	7.00	1.46	4.52	1.73	16.3	9.3	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*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34380 Beacon backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-151S			Date	8-24-20
Project Name/Location	Ford LTP			Weather	87 degrees F, Partly 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)	4.50	Total Depth (ft-bmp)	6.92	Water Column (ft.)	2.42	Gallons in Well	0.39
		Pump Intake (ft-bmp)	6.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.74				
Sample Time: Label	15:15	Volume Purged	1.46 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:34						
Purge End	15:20						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:35	0	150	4.51	0.00	7.36	2.04	167.00	0.81	19.9	-150.2	Orange,Small Orange Particulates	No Odor
14:40	5	150	4.51	0.20	6.97	1.98	29.40	0.30	19.8	-126.3	Clear,Small Orange Particulates	No Odor
14:45	5	150	4.51	0.40	6.97	1.96	21.60	0.17	19.7	-112.1	Clear,Small Orange Particulates	No Odor
14:50	5	150	4.51	0.60	7.00	1.96	13.40	0.13	19.6	-106.7	Clear,Small Orange Particulates	No Odor
14:55	5	100	4.51	0.80	7.04	1.97	5.38	0.16	19.9	-105.9	Clear	No Odor
15:00	5	150	4.51	0.93	7.07	1.97	5.99	0.10	19.9	-105.8	Clear	No Odor
15:05	5	150	4.51	1.13	7.13	2.00	1.81	0.17	20.3	-109.4	Clear	No Odor
15:10	5	100	4.51	1.33	7.04	1.96	4.50	0.11	20.3	-102.4	Clear	No Odor
15:15	5	100	4.51	1.46	7.07	1.97	2.86	0.12	20.6	-103.8	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

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:	12091 Brewster St, West of house in backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-152S			Date	8-25-20
Project Name/Location	Ford LTP			Weather	74 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)	5.74	Total Depth (ft-bmp)	6.71	Water Column (ft.)	0.97	Gallons in Well	0.16
		Pump Intake (ft-bmp)	6.23	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	10.19				
Sample Time: Label	10:24	Volume Purged	1.63 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:40						
Purge End	10:29						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:41	0	175	5.83	0.00	6.54	0.85	229.00	6.32	21.1	83.2	Brown,Cloudy	No Odor
9:46	5	150	5.83	0.23	6.46	0.93	73.70	0.52	17.9	36.9	Cloudy	No Odor
9:51	5	150	5.83	0.43	6.47	0.96	24.50	0.33	18.0	8.5	Cloudy	No Odor
9:56	5	150	5.83	0.63	6.51	0.96	11.10	0.27	17.9	-8.1	Clear	No Odor
10:01	5	150	5.83	0.83	6.63	0.97	8.36	0.25	17.9	-18.9	Clear	No Odor
10:06	5	150	5.83	1.03	6.86	0.97	4.83	0.23	17.8	-27.0	Clear	No Odor
10:11	5	150	5.83	1.23	6.91	0.98	4.67	0.19	17.7	-33.0	Clear	No Odor
10:16	5	150	5.83	1.43	6.94	0.98	3.82	0.18	17.7	-37.4	Clear	No Odor
10:21	5	150	5.83	1.63	6.95	0.98	3.38	0.18	17.6	-40.8	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

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:	34550 Beacon backyard	Well Locked at Arrival:	yes
Condition of Well:	Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-154S			Date	8-27-20
Project Name/Location	Ford LTP			Weather	81 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.96	Total Depth (ft-bmp)	7.00	Water Column (ft.)	1.04	Gallons in Well	0.17
		Pump Intake (ft-bmp)	6.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	11.29				
Sample Time: Label	13:00	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	11:59						
Purge End	13:05						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	120	6.00	0.00	6.62	0.59	13.20	2.01	18.4	146.2	Clear	No Odor
12:05	5	120	6.00	0.16	6.70	0.57	6.93	1.35	18.4	139.2	Clear	No Odor
12:10	5	120	6.00	0.32	7.07	0.56	3.89	0.43	18.5	114.7	Clear	No Odor
12:15	5	120	6.00	0.48	7.12	0.56	2.54	0.41	18.4	107.3	Clear	No Odor
12:20	5	120	6.00	0.64	7.19	0.56	1.25	0.35	18.5	93.1	Clear	No Odor
12:25	5	120	6.00	0.80	7.21	0.56	1.54	0.34	18.4	83.9	Clear	No Odor
12:30	5	120	6.00	0.96	7.22	0.56	2.04	0.43	18.5	75.1	Clear	No Odor
12:35	5	120	6.00	1.12	7.22	0.56	2.45	0.15	18.3	67.6	Clear	No Odor
12:40	5	120	6.00	1.28	7.21	0.56	1.25	0.18	18.3	62.8	Clear	No Odor
12:45	5	120	6.00	1.44	7.22	0.56	1.25	0.14	18.3	56.7	Clear	No Odor
12:50	5	120	6.00	1.60	7.24	0.56	1.54	0.14	18.3	48.5	Clear	No Odor
12:55	5	120	6.00	1.76	7.22	0.56	1.52	0.13	18.2	42.7	Clear	No Odor
13:00	5	120	6.00	1.92	7.23	0.56	1.40	0.13	18.4	37.7	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
1,1-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:	34682 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-155S			Date	8-26-20
Project Name/Location	Ford LTP			Weather	77 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)	5.10	Total Depth (ft-bmp)	6.40	Water Column (ft.)	1.30	Gallons in Well	0.21
		Pump Intake (ft-bmp)	6.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.52				
Sample Time: Label	15:20	Volume Purged	1.16 gallons	Replicate/Code No.	--	Sampled by	Patrick Labadie
Purge Start	14:42						
Purge End	15:27						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:45	0	140	5.10	0.00	6.79	1.00	18.80	0.47	17.5	-11.9	Small White Particulates	No Odor
14:50	5	140	5.10	0.18	6.87	0.96	6.86	0.33	17.5	-35.7	Clear	No Odor
14:55	5	150	5.10	0.36	6.96	0.94	3.37	0.18	17.3	-62.8	Clear	No Odor
15:00	5	150	5.10	0.56	6.98	0.93	3.16	0.17	17.5	-66.5	Clear	No Odor
15:05	5	150	5.10	0.76	7.02	0.93	2.99	0.15	17.4	-74.3	Clear	No Odor
15:10	5	150	5.10	0.96	7.04	0.93	2.04	0.16	17.4	-79.4	Clear	No Odor
15:15	5	150	5.10	1.16	7.04	0.93	2.50	0.15	17.5	-82.6	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

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:	12066 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-156S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	61 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.58	Total Depth (ft-bmp)	7.43	Water Column (ft.)	0.85	Gallons in Well	0.14
		Pump Intake (ft-bmp)	7.01	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	11.50				
Sample Time: Label	9:57	Volume Purged	1.61 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:13						
Purge End	10:01						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:14	0	175	6.76	0.00	7.16	0.41	127.00	3.52	16.4	174.2	Cloudy	No Odor
9:19	5	150	6.73	0.23	7.18	0.41	56.80	2.46	16.3	170.9	Clear	No Odor
9:24	5	150	6.71	0.43	7.26	0.41	13.70	2.27	16.3	164.4	Clear	No Odor
9:29	5	150	7.61	0.63	7.31	0.41	4.81	2.12	16.4	159.5	Clear	No Odor
9:34	5	140	6.70	0.83	7.34	0.41	6.58	2.13	16.4	156.7	Clear	No Odor
9:39	5	150	6.71	1.01	7.33	0.41	4.95	2.26	16.4	156.6	Clear	No Odor
9:44	5	150	6.71	1.21	7.11	0.41	2.23	2.33	16.4	156.5	Clear	No Odor
9:49	5	150	6.71	1.41	7.04	0.41	2.83	2.35	16.4	156.1	Clear	No Odor
9:54	5	150	6.71	1.61	7.04	0.42	2.31	2.38	16.4	156.0	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

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:	12100 Boston Post backyard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-157S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	68 degrees F, Mostly Clear		
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)	6.35	Total Depth (ft-bmp)	7.18	Water Column (ft.)	0.83	Gallons in Well	0.13
		Pump Intake (ft-bmp)	6.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.00				
Sample Time: Label	12:06	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:35						
Purge End	12:15						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	100	6.45	0.00	7.32	0.24	14.00	3.41	16.6	261.7	Turbid	No Odor
11:40	5	100	6.45	0.13	7.05	0.26	9.73	2.52	16.4	220.3	Clear	No Odor
11:45	5	100	6.44	0.26	7.02	0.26	9.59	2.05	16.3	230.7	Clear	No Odor
11:50	5	100	6.44	0.39	7.37	0.27	4.37	1.84	16.4	206.1	Clear	No Odor
11:55	5	100	6.44	0.52	7.30	0.27	3.37	1.76	17.0	210.2	Clear	No Odor
12:00	5	100	6.44	0.65	7.26	0.27	2.53	1.94	17.3	211.9	Clear	No Odor
12:05	5	100	6.44	0.78	7.24	0.27	0.11	1.93	17.3	212.2	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
1,1-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:	12067 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-158S			Date	8-20-20
Project Name/Location	Ford LTP			Weather	69 degrees F, mostly clear		
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)	6.10	Total Depth (ft-bmp)	7.18	Water Column (ft.)	1.08	Gallons in Well	0.18
		Pump Intake (ft-bmp)	6.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	11.44				
Sample Time: Label	11:10	Volume Purged	2.06 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:08						
Purge End	11:13						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	150	6.19	0.00	8.31	0.46	14.50	1.85	17.1	120.3	Clear	No Odor
10:15	5	150	6.15	0.20	7.95	0.46	5.50	1.15	16.9	120.1	Clear	No Odor
10:20	5	150	6.15	0.40	7.74	0.47	0.95	0.96	16.8	116.0	Clear	No Odor
10:25	5	150	6.15	0.60	7.76	0.47	0.51	0.94	17.0	105.3	Clear	No Odor
10:30	5	150	6.15	0.80	7.70	0.47	0.92	0.89	17.0	100.3	Clear	No Odor
10:35	5	150	6.15	1.00	7.80	0.47	0.92	0.96	17.3	83.5	Clear	No Odor
10:40	5	150	6.15	1.20	7.63	0.47	0.23	0.83	17.1	85.4	Clear	No Odor
10:45	5	150	6.15	1.40	7.67	0.47	0.02	0.86	17.3	74.3	Clear	No Odor
10:50	5	150	6.15	1.60	7.65	0.47	0.83	0.72	17.4	71.8	Clear	No Odor
10:55	5	100	6.15	1.80	7.73	0.48	0.86	0.81	17.6	64.1	Clear	No Odor
11:00	5	100	6.15	1.93	7.65	0.48	0.02	0.78	17.6	63.0	Clear	No Odor
11:05	5	100	6.15	2.06	7.74	0.48	0.02	0.80	17.5	56.3	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
1,1-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:	34950 Beacon St; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-159S			Date	8-21-20
Project Name/Location	Ford LTP			Weather	62 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.50	Total Depth (ft-bmp)	8.57	Water Column (ft.)	1.07	Gallons in Well	0.17
		Pump Intake (ft-bmp)	8.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.24				
Sample Time: Label	8:40	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	7:59						
Purge End	8:43						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:00	0	150	7.57	0.00	6.53	0.09	11.70	4.18	15.4	-60.3	Clear	No Odor
8:05	5	150	7.52	0.20	6.71	0.08	1.00	3.58	15.3	-76.6	Clear	No Odor
8:10	5	150	7.52	0.40	6.87	0.08	0.02	3.51	15.3	-78.9	Clear	No Odor
8:15	5	150	7.52	0.60	7.04	0.08	0.02	3.26	15.3	-87.6	Clear	No Odor
8:20	5	150	7.52	0.80	7.16	0.08	0.02	0.78	15.2	-92.8	Clear	No Odor
8:25	5	150	7.52	1.00	7.22	0.08	0.02	0.72	15.2	-96.5	Clear	No Odor
8:30	5	150	7.52	1.20	7.30	0.08	0.02	0.73	15.2	-99.5	Clear	No Odor
8:35	5	150	7.52	1.40	7.30	0.08	0.02	0.68	15.2	-100.8	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

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:	34920 Beacon St; NE of house	Well Locked at Arrival:	yes
Condition of Well:	Good,Pad damaged	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-161S			Date	8-12-20
Project Name/Location	Ford LTP			Weather	66 degrees F, Mostly 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)	5.35	Total Depth (ft-bmp)	7.60	Water Column (ft.)	2.25	Gallons in Well	0.37
		Pump Intake (ft-bmp)	6.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.22				
Sample Time: Label	9:40	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:40						
Purge End	9:42						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:40	0	100	5.45	0.00	6.75	0.51	4.90	2.01	16.8	157.9	Clear,Small Orange Particulates	No Odor
8:45	5	100	5.40	0.13	6.73	0.50	4.22	2.10	16.7	162.5	Clear	No Odor
8:50	5	100	5.40	0.26	6.82	0.45	2.39	1.77	16.6	158.0	Clear	No Odor
8:55	5	100	5.40	0.39	6.89	0.45	0.02	1.28	16.7	151.3	Clear	No Odor
9:00	5	100	5.40	0.52	6.96	0.45	0.02	1.02	16.8	144.3	Clear	No Odor
9:05	5	100	5.40	0.65	6.96	0.45	0.02	1.71	16.6	137.3	Clear	No Odor
9:10	5	100	5.40	0.78	6.99	0.45	0.02	1.49	16.6	132.8	Clear	No Odor
9:15	5	100	5.40	0.91	7.05	0.45	0.02	1.75	16.6	124.7	Clear	No Odor
9:20	5	100	5.40	1.04	7.05	0.45	0.02	1.21	16.5	117.0	Clear	No Odor
9:25	5	100	5.40	1.17	7.08	0.45	0.02	1.43	16.5	106.5	Clear	No Odor
9:30	5	100	5.40	1.30	7.11	0.45	0.02	1.38	16.6	99.3	Clear	No Odor
9:35	5	100	5.40	1.43	7.12	0.45	0.02	1.45	16.6	92.7	Clear	No Odor
9:40	5	100	5.40	1.56	7.14	0.45	0.02	1.38	16.6	86.9	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
1,1-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:	34851 Beacon; NW of house in front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-162S			Date	8-24-20
Project Name/Location	Ford LTP			Weather	81 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.41	Total Depth (ft-bmp)	7.72	Water Column (ft.)	1.31	Gallons in Well	0.21
		Pump Intake (ft-bmp)	7.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	11.10				
Sample Time: Label	13:25	Volume Purged	2.33 gallons	Replicate/Code No.	MW-162S-MS_082420, MW-162S-MSD_082420	Sampled by	Emma Witherspoon
Purge Start	12:24						
Purge End	13:34						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	150	6.45	0.00	6.60	0.57	130.00	3.91	18.7	-63.6	Cloudy,White	No Odor
12:30	5	150	6.45	0.20	6.57	0.56	109.00	3.03	19.4	-50.1	Cloudy,White	No Odor
12:35	5	150	6.45	0.40	6.81	0.55	65.90	2.62	18.7	-51.9	Cloudy,White	No Odor
12:40	5	150	6.45	0.60	6.91	0.59	37.00	2.03	18.6	-58.5	Cloudy,White	No Odor
12:45	5	150	6.45	0.80	7.08	0.57	26.20	2.00	18.8	-58.2	Clear	No Odor
12:50	5	150	6.45	1.00	7.10	0.55	15.90	2.21	18.2	-54.8	Clear	No Odor
12:55	5	150	6.45	1.20	7.17	0.55	13.30	2.07	18.4	-48.5	Clear	No Odor
13:00	5	150	6.45	1.40	7.16	0.55	11.40	2.29	18.3	-45.4	Clear	No Odor
13:05	5	150	6.45	1.60	7.21	0.55	8.17	2.26	18.1	-43.4	Clear	No Odor
13:10	5	150	6.45	1.80	7.24	0.54	7.65	2.27	18.4	-42.9	Clear	No Odor
13:15	5	150	6.45	2.00	7.31	0.55	6.22	2.22	18.5	-40.8	Clear	No Odor
13:20	5	100	6.45	2.20	7.25	0.55	6.68	2.11	18.7	-35.6	Clear	No Odor
13:25	5	100	6.45	2.33	7.21	0.55	3.03	2.50	18.2	-47.6	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	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:	12017 Brewster St, South of house	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-163S			Date	8-24-20
Project Name/Location	Ford LTP			Weather	87 degrees F, Partly 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)	5.02	Total Depth (ft-bmp)	6.79	Water Column (ft.)	1.77	Gallons in Well	0.29
		Pump Intake (ft-bmp)	6.52	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.59				
Sample Time: Label	15:52	Volume Purged	2.2 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:47						
Purge End	15:58						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:48	0	225	5.20	0.00	6.60	0.57	237.00	1.89	18.7	2.3	Cloudy	No Odor
14:53	5	150	5.14	0.30	6.51	0.54	185.00	0.49	18.4	-18.9	Cloudy	No Odor
14:58	5	125	5.13	0.50	6.73	0.52	142.00	0.45	19.3	-29.0	Cloudy	No Odor
15:03	5	125	5.13	0.67	6.96	0.51	48.50	0.37	19.6	-27.0	Clear	No Odor
15:08	5	125	5.13	0.84	7.06	0.49	21.20	0.30	19.4	-18.6	Clear	No Odor
15:13	5	125	5.13	1.01	7.14	0.48	15.40	0.44	19.4	-12.5	Clear	No Odor
15:18	5	125	5.13	1.18	7.15	0.47	12.10	0.56	19.4	-7.8	Clear	No Odor
15:23	5	125	5.13	1.35	7.12	0.47	10.30	0.56	18.8	-2.7	Clear	No Odor
15:28	5	125	5.13	1.52	7.14	0.47	9.29	0.61	19.3	-2.1	Clear	No Odor
15:33	5	125	5.13	1.69	7.24	0.47	8.10	0.54	19.6	-5.5	Clear	No Odor
15:38	5	125	5.12	1.86	7.27	0.47	6.19	0.56	19.6	-5.7	Clear	No Odor
15:43	5	125	5.12	2.03	7.30	0.47	6.87	0.61	19.7	-6.2	Clear	No Odor
15:48	5	125	5.12	2.20	7.26	0.47	8.86	0.60	20.0	-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

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:	34591 Beacon side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-164S			Date	8-13-20
Project Name/Location	Ford LTP			Weather	71 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)	5.95	Total Depth (ft-bmp)	7.48	Water Column (ft.)	1.53	Gallons in Well	0.25
		Pump Intake (ft-bmp)	6.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.16				
Sample Time: Label	10:30	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:42						
Purge End	10:32						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	100	6.00	0.00	7.29	0.30	203.00	5.46	19.0	134.8	Cloudy,Yellow	No Odor
9:50	5	100	6.00	0.13	7.18	0.31	102.00	4.61	18.9	139.7	Turbid,Yellow	No Odor
9:55	5	100	6.00	0.26	7.25	0.32	48.80	4.68	19.1	135.4	Clear	No Odor
10:00	5	100	6.00	0.39	7.27	0.32	22.50	4.79	18.8	133.0	Clear	No Odor
10:05	5	100	6.00	0.52	7.29	0.31	19.30	4.81	18.7	132.1	Clear	No Odor
10:10	5	100	6.00	0.65	7.31	0.31	15.80	4.49	18.8	131.9	Clear	No Odor
10:15	5	100	6.00	0.78	7.35	0.32	13.90	4.58	18.7	129.4	Clear	No Odor
10:20	5	100	6.00	0.91	7.39	0.32	14.00	4.32	18.9	127.7	Clear	No Odor
10:25	5	100	6.00	1.04	7.45	0.32	13.20	4.54	19.0	124.0	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

Note: depth to bottom was 7.48

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:	34637 Beacon; west of house	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-165S			Date	8-12-20
Project Name/Location	Ford LTP			Weather	81 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)	5.00	Total Depth (ft-bmp)	6.28	Water Column (ft.)	1.28	Gallons in Well	0.21
		Pump Intake (ft-bmp)	5.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.33				
Sample Time: Label	15:00	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:24						
Purge End	15:03						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:25	0	200	5.13	0.00	7.23	0.62	25.60	0.80	18.3	-40.8	Clear,Yellow	No Odor
14:30	5	100	5.11	0.26	7.11	0.62	6.26	0.30	18.6	-46.5	Clear	No Odor
14:35	5	100	5.11	0.39	7.09	0.61	5.80	0.22	18.6	-51.8	Clear	No Odor
14:40	5	100	5.11	0.52	7.21	0.61	2.23	0.36	19.8	-64.6	Clear	No Odor
14:45	5	100	5.11	0.65	7.07	0.59	1.45	0.19	18.7	-57.1	Clear	No Odor
14:50	5	100	5.11	0.78	7.07	0.59	1.83	0.19	18.6	-54.1	Clear	No Odor
14:55	5	100	5.11	0.91	7.08	0.59	2.22	0.24	18.5	-52.4	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

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 NW of house in front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-166S			Date	8-5-20
Project Name/Location	Ford LTP			Weather	76 degrees F, Partly 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)	7.51	Total Depth (ft-bmp)	10.59	Water Column (ft.)	3.08	Gallons in Well	0.50
		Pump Intake (ft-bmp)	9.01	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.24				
Sample Time: Label	14:50	Volume Purged	1.12 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:05						
Purge End	14:53						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:05	0	100	7.55	0.00	7.28	1.42	5.40	1.54	16.0	-80.5	Clear	No Odor
14:10	5	100	7.55	0.13	7.11	1.53	4.05	1.27	15.5	-80.2	Clear	No Odor
14:15	5	100	7.55	0.26	7.09	1.54	2.79	1.27	15.7	-69.9	Clear	No Odor
14:20	5	100	7.55	0.39	7.12	1.55	1.57	1.26	15.5	-67.8	Clear	No Odor
14:25	5	100	7.55	0.52	7.10	1.55	4.22	0.97	15.7	-67.6	Clear	No Odor
14:30	5	100	7.55	0.65	7.11	1.58	1.76	0.87	15.3	-76.3	Clear	No Odor
14:35	5	125	7.55	0.78	7.10	1.55	1.08	0.87	15.2	-67.5	Clear	No Odor
14:40	5	125	7.55	0.95	7.13	1.55	1.31	0.90	15.4	-65.3	Clear	No Odor
14:45	5	125	7.55	1.12	7.12	1.56	0.82	0.92	15.4	-64.5	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
VOCs	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments None

Well Casing Volumes

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

Well Information

Well Location:	12147 Stark; NE of house in front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-167S			Date	8-5-20
Project Name/Location		Ford LTP		Weather	70 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.60	Total Depth (ft-bmp)	9.22	Water Column (ft.)	2.62	Gallons in Well	0.43
		Pump Intake (ft-bmp)	8.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.02				
Sample Time: Label	11:45	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:50						
Purge End	11:50						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	100	6.62	0.00	6.92	0.59	18.40	1.20	17.0	70.6	Clear	No Odor
10:55	5	100	6.61	0.13	6.91	0.58	22.00	1.37	16.4	77.5	Clear	No Odor
11:00	5	100	6.61	0.26	6.95	0.59	14.40	1.58	16.4	7.0	Clear	No Odor
11:05	5	100	6.61	0.39	6.99	0.59	7.34	1.73	16.3	80.4	Clear	No Odor
11:10	5	100	6.61	0.52	7.00	0.59	3.00	1.52	16.3	80.7	Clear	No Odor
11:15	5	100	6.62	0.65	7.00	0.59	0.88	1.86	16.4	81.3	Clear	No Odor
11:20	5	100	6.62	0.78	7.00	0.60	0.05	2.18	16.3	83.0	Clear	No Odor
11:25	5	100	6.62	0.91	6.98	0.59	0.02	1.97	16.3	84.7	Clear	No Odor
11:30	5	100	6.62	1.04	7.02	0.60	0.02	2.26	16.3	83.3	Clear	No Odor
11:35	5	100	6.62	1.17	7.05	0.60	0.02	2.26	16.4	82.0	Clear	No Odor
11:40	5	100	6.62	1.30	7.01	0.60	0.02	2.28	16.4	83.9	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
VOCs	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments None

Well Casing Volumes

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

Well Information

Well Location:	12001 Stark; NE of house in yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-168S			Date	8-21-20
Project Name/Location	Ford LTP			Weather	66 degrees F, Partly 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)	4.96	Total Depth (ft-bmp)	6.83	Water Column (ft.)	1.87	Gallons in Well	0.30
		Pump Intake (ft-bmp)	6.46	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.40				
Sample Time: Label	10:55	Volume Purged	1.32 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:21						
Purge End	11:02						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:22	0	190	4.98	0.00	6.48	1.39	865.00	0.99	18.4	-30.2	Brown,Cloudy	No Odor
10:27	5	175	4.98	0.25	6.28	1.08	243.00	0.29	17.7	-47.4	Brown,Cloudy	No Odor
10:32	5	160	4.98	0.48	6.29	0.90	37.80	0.33	17.8	-44.6	Cloudy	No Odor
10:37	5	160	4.98	0.69	6.58	0.87	15.60	0.31	17.8	-47.2	Cloudy	No Odor
10:42	5	160	4.98	0.90	6.75	0.86	4.09	0.28	17.9	-49.8	Clear	No Odor
10:47	5	160	4.98	1.11	6.82	0.86	1.90	0.27	18.1	-51.9	Clear	No Odor
10:52	5	150	4.98	1.32	6.83	0.85	2.15	0.25	18.3	-53.1	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

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:	34480 Capitol front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-169S			Date	8-21-20
Project Name/Location	Ford LTP			Weather	79 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.71	Total Depth (ft-bmp)	6.52	Water Column (ft.)	1.81	Gallons in Well	0.29
		Pump Intake (ft-bmp)	6.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.69				
Sample Time: Label	13:13	Volume Purged	1.65 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:27						
Purge End	13:20						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:29	0	200	4.74	0.00	6.90	1.16	38.90	1.22	20.9	-84.3	Cloudy	No Odor
12:34	5	200	4.74	0.26	6.71	1.01	15.20	0.39	19.7	-67.7	Clear	No Odor
12:39	5	160	4.74	0.52	6.76	1.04	5.51	0.26	20.0	-67.3	Clear	No Odor
12:44	5	160	4.74	0.73	6.74	1.03	5.41	0.20	19.9	-67.5	Clear	No Odor
12:49	5	150	4.74	0.94	6.78	1.03	7.43	0.19	20.2	-65.4	Clear	No Odor
12:54	5	125	4.74	1.14	6.78	1.06	5.37	0.14	20.7	-66.3	Clear	No Odor
12:59	5	125	4.74	1.31	6.83	1.05	4.77	0.14	21.0	-69.5	Clear	No Odor
13:04	5	125	4.73	1.48	6.83	1.04	4.17	0.16	21.3	-68.5	Clear	No Odor
13:09	5	125	4.74	1.65	6.77	1.05	2.53	0.22	21.6	-61.8	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

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:	34450 Capitol front yard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-170S			Date	8-12-20
Project Name/Location		Ford LTP		Weather	71 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.00	Total Depth (ft-bmp)	9.52	Water Column (ft.)	2.52	Gallons in Well	0.41
		Pump Intake (ft-bmp)	8.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.00				
Sample Time: Label	10:50	Volume Purged	0.82 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:13						
Purge End	10:53						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	125	7.00	0.00	7.23	1.38	1.68	2.16	15.8	-131.5	Clear	No Odor
10:20	5	100	7.01	0.17	7.11	1.35	6.41	1.17	15.7	-110.4	Clear	No Odor
10:25	5	100	7.01	0.30	7.15	1.36	4.24	1.15	15.6	-101.0	Clear	No Odor
10:30	5	100	7.01	0.43	7.17	1.36	4.65	1.13	15.6	-97.3	Clear	No Odor
10:35	5	100	7.01	0.56	7.21	1.37	3.69	1.51	15.6	-96.0	Clear	No Odor
10:40	5	100	7.02	0.69	7.23	1.38	4.12	1.50	15.6	-95.9	Clear	No Odor
10:45	5	100	7.02	0.82	7.26	1.39	3.65	1.49	15.7	-92.5	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

One bolt missing

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:	34491 Beacon: SE of house near driveway	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-171S			Date	8-21-20
Project Name/Location	Ford LTP			Weather	84 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.07	Total Depth (ft-bmp)	6.45	Water Column (ft.)	1.38	Gallons in Well	0.22
		Pump Intake (ft-bmp)	5.76	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.05				
Sample Time: Label	15:03	Volume Purged	1.33 gallons	Replicate/Code No.	MW-171S-MS_082120, MW-171S-MSD_082120	Sampled by	Andrew Banitt
Purge Start	14:26						
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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:28	0	175	5.11	0.00	7.13	0.92	118.00	1.51	20.5	-69.2	Cloudy	No Odor
14:33	5	160	5.10	0.23	6.61	0.93	68.60	0.28	19.0	-70.1	Cloudy	No Odor
14:38	5	150	5.10	0.44	6.64	0.96	18.60	0.28	18.5	-74.2	Clear	No Odor
14:43	5	175	5.11	0.64	6.69	0.99	8.35	0.18	18.4	-73.5	Clear	No Odor
14:48	5	175	5.11	0.87	6.73	0.99	4.07	0.16	18.3	-74.0	Clear	No Odor
14:53	5	175	5.11	1.10	6.75	0.99	4.13	0.14	18.3	-74.5	Clear	No Odor
14:58	5	175	5.11	1.33	6.76	1.00	4.81	0.11	18.1	-74.9	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	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:	12101 Brewster backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-172S			Date	8-13-20
Project Name/Location	Ford LTP			Weather	77 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.33	Total Depth (ft-bmp)	8.95	Water Column (ft.)	2.62	Gallons in Well	0.43
		Pump Intake (ft-bmp)	7.83	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.79				
Sample Time: Label	11:40	Volume Purged	1.63 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:46						
Purge End	11:45						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:48	0	125	6.36	0.00	7.51	0.41	11.30	2.86	18.8	211.3	Clear	No Odor
10:53	5	125	6.34	0.17	7.30	0.34	10.60	3.39	17.8	211.5	Clear	No Odor
10:58	5	125	6.34	0.34	7.38	0.33	13.10	3.32	18.6	205.5	Clear	No Odor
11:03	5	125	6.33	0.51	7.47	0.33	7.63	3.31	18.8	202.1	Clear	No Odor
11:08	5	110	6.33	0.68	7.46	0.33	4.71	3.10	18.9	196.9	Clear	No Odor
11:13	5	150	6.33	0.83	7.51	0.33	3.85	3.24	19.0	188.4	Clear	No Odor
11:18	5	150	6.33	1.03	7.34	0.33	4.65	2.97	18.8	191.7	Clear	No Odor
11:23	5	150	6.33	1.23	7.46	0.33	1.88	2.63	19.2	188.0	Clear	No Odor
11:28	5	150	6.33	1.43	7.43	0.33	2.34	2.72	19.5	188.0	Clear	No Odor
11:33	5	125	6.33	1.63	7.46	0.34	1.77	2.61	19.5	192.4	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

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

Well Information

Well Location:	11701 Boston Post front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-173S			Date	8-25-20
Project Name/Location	Ford LTP			Weather	82 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.15	Total Depth (ft-bmp)	10.23	Water Column (ft.)	3.08	Gallons in Well	0.50
		Pump Intake (ft-bmp)	8.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.34				
Sample Time: Label	13:30	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:40						
Purge End	13:34						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	100	7.25	0.00	8.06	1.32	228.00	0.62	16.3	-108.4	Small Orange Particulates,Turbid,Yellow	No Odor
12:45	5	100	7.25	0.13	7.47	1.10	205.00	0.50	16.6	-103.1	Turbid,Yellow	No Odor
12:50	5	100	7.25	0.26	7.57	1.07	143.00	0.78	17.3	-90.8	Turbid,Yellow	No Odor
12:55	5	100	7.20	0.39	7.46	1.09	56.20	1.35	17.3	-79.8	Clear	No Odor
13:00	5	100	7.20	0.52	7.41	1.12	27.60	1.66	17.1	-71.3	Clear	No Odor
13:05	5	100	7.20	0.65	7.39	1.14	12.00	1.85	16.1	-65.6	Clear	No Odor
13:10	5	100	7.20	0.78	7.46	1.15	7.16	2.01	16.2	-62.5	Clear	No Odor
13:15	5	100	7.20	0.91	7.44	1.16	3.41	2.00	16.2	-58.7	Clear	No Odor
13:20	5	100	7.20	1.04	7.50	1.15	4.63	2.13	16.1	-60.6	Clear	No Odor
13:25	5	100	7.20	1.17	7.45	1.14	2.91	2.19	16.2	-55.5	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

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:	11721 Boston Post St, West of house in backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-174S			Date	8-13-20
Project Name/Location	Ford LTP			Weather	84 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.60	Total Depth (ft-bmp)	10.46	Water Column (ft.)	1.86	Gallons in Well	0.30
		Pump Intake (ft-bmp)	10.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.07				
Sample Time: Label	16:39	Volume Purged	2.12 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	15:51						
Purge End	16:43						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:51	0	250	8.65	0.00	6.68	1.68	120.00	2.91	15.5	-71.5	Brown	No Odor
15:56	5	175	8.64	0.33	6.76	0.81	562.00	2.07	15.1	-74.1	Cloudy	No Odor
16:01	5	150	8.64	0.56	6.81	0.65	296.00	2.07	15.2	-79.2	Cloudy	No Odor
16:06	5	200	8.63	0.76	6.93	0.60	127.00	2.24	15.0	-83.2	Cloudy	No Odor
16:11	5	170	8.64	1.02	7.04	0.59	46.90	2.19	15.0	-81.7	Cloudy	No Odor
16:16	5	170	8.63	1.24	7.09	0.59	7.19	2.09	15.1	-78.0	Clear	No Odor
16:21	5	170	8.63	1.46	7.14	0.59	3.73	2.23	15.2	-75.1	Clear	No Odor
16:26	5	170	8.63	1.68	7.16	0.59	2.03	2.08	15.1	-74.0	Clear	No Odor
16:31	5	170	8.63	1.90	7.18	0.59	2.39	1.99	15.2	-72.6	Clear	No Odor
16:36	5	170	8.63	2.12	7.25	0.59	2.07	1.90	15.3	-73.6	Clear,Small White 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

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:	11865 Boston Post front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-176S			Date	8-13-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.21	Total Depth (ft-bmp)	9.30	Water Column (ft.)	2.09	Gallons in Well	0.34
		Pump Intake (ft-bmp)	8.71	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.71				
Sample Time: Label	10:01	Volume Purged	0.92 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:28						
Purge End	10:07						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:28	0	150	7.23	0.00	7.16	0.39	5.69	2.64	16.3	234.6	Clear	No Odor
9:33	5	110	7.23	0.20	7.07	0.38	4.36	1.46	15.5	234.6	Clear	No Odor
9:38	5	100	7.22	0.35	7.10	0.38	2.73	1.49	15.8	223.7	Clear	No Odor
9:43	5	100	7.22	0.48	7.21	0.38	1.80	1.52	15.8	212.8	Clear	No Odor
9:48	5	110	7.22	0.61	7.26	0.38	3.11	1.37	15.9	205.6	Clear	No Odor
9:53	5	120	7.22	0.76	7.22	0.38	0.02	1.45	15.8	200.6	Clear	No Odor
9:58	5	100	7.22	0.92	7.21	0.39	2.40	1.50	15.7	198.3	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*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11845 Boston Post front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-177S			Date	8-18-20
Project Name/Location	Ford LTP			Weather	65 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.44	Total Depth (ft-bmp)	8.25	Water Column (ft.)	1.81	Gallons in Well	0.29
		Pump Intake (ft-bmp)	7.94	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.72				
Sample Time: Label	10:30	Volume Purged	2.53 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:32						
Purge End	10:35						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:32	0	275	7.26	0.00	8.70	1.24	171.00	3.30	17.1	256.3	Cloudy	No Odor
9:37	5	225	7.27	0.36	7.85	1.01	74.70	1.60	16.4	179.6	Cloudy	No Odor
9:42	5	200	7.15	0.66	6.94	0.79	16.30	0.73	16.2	31.7	Clear	No Odor
9:47	5	160	7.08	0.92	6.89	0.77	6.97	0.81	16.3	19.4	Clear	No Odor
9:52	5	150	7.05	1.13	6.89	0.77	4.72	0.80	16.3	14.9	Clear	No Odor
9:57	5	150	7.05	1.33	6.90	0.76	2.80	0.76	16.3	12.3	Clear	No Odor
10:02	5	150	7.05	1.53	6.92	0.75	3.61	0.71	16.3	10.6	Clear	No Odor
10:07	5	150	7.05	1.73	6.92	0.74	2.71	0.65	16.3	7.9	Clear	No Odor
10:12	5	150	7.05	1.93	6.93	0.73	1.36	0.63	16.3	6.0	Clear	No Odor
10:17	5	150	7.06	2.13	6.92	0.73	2.48	0.57	16.3	5.8	Clear	No Odor
10:22	5	150	7.06	2.33	6.91	0.73	1.68	0.56	16.3	5.0	Clear	No Odor
10:27	5	150	7.06	2.53	6.91	0.72	1.11	0.56	16.3	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

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

Well Information

Well Location:	11866 Boston Post front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-178S			Date	8-18-20
Project Name/Location	Ford LTP			Weather	71 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.72	Total Depth (ft-bmp)	8.83	Water Column (ft.)	2.11	Gallons in Well	0.34
		Pump Intake (ft-bmp)	8.22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.41				
Sample Time: Label	12:07	Volume Purged	1.5 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:28						
Purge End	12:11						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:29	0	200	6.77	0.00	6.88	0.78	45.20	10.48	16.6	-80.7	Clear	No Odor
11:34	5	160	6.76	0.26	6.83	0.70	31.00	9.31	16.2	-45.7	Clear	No Odor
11:39	5	160	6.76	0.47	6.90	0.67	15.40	8.80	16.4	-40.5	Clear	No Odor
11:44	5	150	6.76	0.68	6.97	0.65	12.30	8.47	16.5	-39.6	Clear	No Odor
11:49	5	150	6.76	0.88	7.02	0.62	8.03	8.20	16.5	-39.5	Clear	No Odor
11:54	5	160	6.76	1.08	7.06	0.62	4.71	7.96	16.5	-40.3	Clear	No Odor
11:59	5	160	6.76	1.29	7.05	0.61	2.29	7.68	16.3	-37.2	Clear	No Odor
12:04	5	160	6.76	1.50	7.06	0.62	1.91	7.51	16.4	-36.4	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

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:	11850 Boston Post backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-179S			Date	8-10-20
Project Name/Location	Ford LTP			Weather	82 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)	8.36	Total Depth (ft-bmp)	10.90	Water Column (ft.)	2.54	Gallons in Well	0.41
		Pump Intake (ft-bmp)	9.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.73				
Sample Time: Label	13:10	Volume Purged	2.76 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:05						
Purge End	13:21						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	275	8.45	0.00	7.05	0.25	15.20	1.70	16.1	87.2	Clear	No Odor
12:10	5	180	8.41	0.36	7.26	0.24	4.62	0.92	16.6	71.4	Clear	No Odor
12:15	5	160	8.43	0.60	7.45	0.25	19.70	0.98	17.0	58.1	Clear	No Odor
12:20	5	160	8.42	0.81	7.46	0.25	15.80	1.05	17.1	55.6	Clear	No Odor
12:25	5	150	8.42	1.02	7.50	0.25	15.20	1.09	17.6	52.1	Clear	No Odor
12:30	5	160	8.41	1.22	7.50	0.25	15.80	1.07	17.4	52.4	Clear	No Odor
12:35	5	170	8.41	1.43	7.52	0.25	10.50	0.93	17.1	52.9	Clear	No Odor
12:40	5	160	8.42	1.65	7.47	0.25	9.41	0.88	17.2	56.1	Clear	No Odor
12:45	5	160	8.41	1.86	7.50	0.24	9.06	0.90	16.9	53.9	Clear	No Odor
12:50	5	170	8.42	2.07	7.47	0.24	0.91	0.93	17.1	53.9	Clear	No Odor
12:55	5	190	8.41	2.29	7.51	0.24	4.73	0.88	17.0	53.4	Clear	No Odor
13:00	5	170	8.42	2.54	7.51	0.24	10.80	0.80	17.1	53.4	Clear	No Odor
13:05	5	160	8.42	2.76	7.55	0.24	17.10	0.74	16.9	51.5	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

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:	34870 Wadsworth St	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-180SR			Date	8-12-20
Project Name/Location	Ford LTP			Weather	80 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.22	Total Depth (ft-bmp)	11.02	Water Column (ft.)	2.80	Gallons in Well	0.45
		Pump Intake (ft-bmp)	9.72	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.58				
Sample Time: Label	12:43	Volume Purged	7798 ml	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:37						
Purge End	12:47						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:39	0	150	8.28	0.00	9.27	0.64	3.87	5.37	17.5	32.2	Clear	No Odor
11:44	5	160	8.27	0.20	7.47	0.44	6.66	3.25	17.3	46.8	Clear	No Odor
11:49	5	140	8.28	0.41	7.25	0.38	3.26	2.99	17.3	42.1	Clear	No Odor
11:54	5	150	8.29	0.59	7.28	0.38	5.93	3.08	17.3	41.4	Clear	No Odor
11:59	5	150	8.29	0.79	7.36	0.38	8.89	3.23	17.4	39.5	Clear	No Odor
12:04	5	100	8.27	0.99	7.44	0.38	7.40	2.99	18.2	38.7	Clear	No Odor
12:09	5	100	8.27	1.12	7.51	0.38	8.11	2.95	19.0	38.0	Clear	No Odor
12:14	5	100	8.27	1.25	7.46	0.38	7.34	2.90	18.9	43.6	Clear	No Odor
12:19	5	125	8.27	1.38	7.45	0.38	6.12	2.82	18.4	46.7	Clear	No Odor
12:24	5	125	8.28	1.55	7.35	0.38	4.34	2.96	18.3	55.1	Clear	No Odor
12:29	5	125	8.27	1.72	7.36	0.38	6.72	2.97	18.4	56.7	Clear	No Odor
12:34	5	125	8.27	1.89	7.39	0.38	5.50	2.95	18.5	57.5	Clear	No Odor
12:39	5	125	8.28	2.06	7.41	0.38	6.26	2.98	18.5	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

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 side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-181S			Date	8-10-20
Project Name/Location	Ford LTP			Weather	76 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)	6.11	Total Depth (ft-bmp)	8.50	Water Column (ft.)	2.39	Gallons in Well	0.39
		Pump Intake (ft-bmp)	7.61	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.08				
Sample Time: Label	10:57	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:24						
Purge End	11:02						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:24	0	150	6.11	0.00	6.90	2.81	6.41	0.54	17.6	-66.9	Clear	No Odor
10:29	5	150	6.13	0.20	7.11	1.79	5.36	0.14	18.8	-75.1	Clear	No Odor
10:34	5	150	6.13	0.40	7.15	1.68	2.17	0.10	18.0	-86.9	Clear	No Odor
10:39	5	150	6.14	0.60	7.16	1.55	1.45	0.07	17.6	-88.1	Clear	No Odor
10:44	5	150	6.14	0.80	7.20	1.55	0.02	0.07	17.6	-88.0	Clear	No Odor
10:49	5	150	6.14	1.00	7.18	1.53	0.02	0.06	17.8	-90.4	Clear	No Odor
10:54	5	150	6.14	1.20	7.20	1.53	0.02	0.04	17.7	-88.5	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

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

Well Information

Well Location:	34990 Wadsworth side yard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-182S			Date	8-6-20
Project Name/Location		Ford LTP		Weather	75 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.30	Total Depth (ft-bmp)	8.78	Water Column (ft.)	2.48	Gallons in Well	0.40
		Pump Intake (ft-bmp)	7.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.92				
Sample Time: Label	15:10	Volume Purged	1.57 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:25						
Purge End	15:12						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:25	0	130	6.40	0.00	7.45	0.43	1.71	0.84	17.3	33.0	Clear	No Odor
14:30	5	150	6.45	0.17	7.12	0.40	4.18	1.85	16.8	52.9	Clear	No Odor
14:35	5	150	6.46	0.37	7.13	0.41	0.89	1.76	16.8	52.2	Clear	No Odor
14:40	5	150	6.50	0.57	7.16	0.40	0.43	1.66	17.0	48.6	Clear	No Odor
14:45	5	150	6.50	0.77	7.16	0.40	0.02	1.68	17.1	46.7	Clear	No Odor
14:50	5	150	6.50	0.97	7.23	0.40	0.02	1.44	17.4	42.3	Clear	No Odor
14:55	5	150	6.50	1.17	7.13	0.39	0.02	1.68	17.0	45.6	Clear	No Odor
15:00	5	150	6.50	1.37	7.16	0.39	0.02	1.68	17.0	43.1	Clear	No Odor
15:05	5	150	6.50	1.57	7.21	0.39	0.02	1.57	17.4	40.9	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
VOCs	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:	34766 Standish; west of house in front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-183S			Date	8-6-20
Project Name/Location	Ford LTP			Weather	74 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)	9.00	Total Depth (ft-bmp)	13.00	Water Column (ft.)	4.00	Gallons in Well	0.65
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.46				
Sample Time: Label	12:25	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:40						
Purge End	12:27						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	150	9.01	0.00	7.82	0.28	14.00	9.50	14.3	75.7	Clear,Small Orange Particulates	No Odor
11:45	5	150	9.01	0.20	7.35	0.28	15.40	7.90	13.9	105.6	Small Orange Particulates	No Odor
11:50	5	150	9.01	0.40	7.29	0.29	15.40	7.69	13.8	115.3	Clear,Small Orange Particulates	No Odor
11:55	5	150	9.01	0.60	7.36	0.31	13.60	6.88	13.9	115.6	Clear	No Odor
12:00	5	150	9.01	0.80	7.33	0.33	9.95	6.94	13.7	118.8	Clear	No Odor
12:05	5	150	9.01	1.00	7.36	0.34	6.71	6.33	13.6	117.8	Clear	No Odor
12:10	5	150	9.01	1.20	7.36	0.34	3.37	5.74	13.6	117.6	Clear	No Odor
12:15	5	150	9.01	1.40	7.39	0.34	2.01	5.58	13.6	116.8	Clear	No Odor
12:20	5	150	9.01	1.60	7.38	0.34	1.52	5.75	13.6	118.2	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
1,1-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:	34934 Standish; SW of house in front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-184S			Date	8-18-20
Project Name/Location	Ford LTP			Weather	74 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.44	Total Depth (ft-bmp)	9.24	Water Column (ft.)	1.80	Gallons in Well	0.29
		Pump Intake (ft-bmp)	8.94	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.97				
Sample Time: Label	16:09	Volume Purged	2.31 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	15:11						
Purge End	16:13						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:11	0	210	7.49	0.00	6.88	0.61	5.31	4.11	16.6	60.1	Clear	No Odor
15:16	5	150	7.48	0.28	6.61	0.61	3.65	2.36	15.3	64.6	Clear	No Odor
15:21	5	175	7.48	0.48	6.85	0.62	1.98	2.10	15.2	56.2	Clear	No Odor
15:26	5	150	7.48	0.71	6.91	0.61	0.75	1.93	15.2	51.7	Clear	No Odor
15:31	5	150	7.48	0.91	6.87	0.62	1.85	2.03	14.9	50.0	Clear	No Odor
15:36	5	150	7.48	1.11	6.98	0.62	0.61	1.85	14.9	49.5	Clear	No Odor
15:41	5	150	7.48	1.31	7.03	0.62	1.49	1.71	15.2	49.1	Clear	No Odor
15:46	5	150	7.48	1.51	7.03	0.63	0.66	1.76	15.4	47.8	Clear	No Odor
15:51	5	150	7.48	1.71	6.92	0.63	0.02	1.74	15.2	47.0	Clear	No Odor
15:56	5	150	7.48	1.91	7.04	0.63	1.08	1.61	15.2	46.7	Clear	No Odor
16:01	5	150	7.48	2.11	7.07	0.63	0.30	1.57	15.2	48.2	Clear	No Odor
16:06	5	150	7.48	2.31	7.10	0.64	1.20	1.54	15.1	47.9	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

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:	11981 Boston Post side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-185S			Date	8-12-20
Project Name/Location		Ford LTP		Weather	76 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)	8.65	Total Depth (ft-bmp)	10.60	Water Column (ft.)	1.95	Gallons in Well	0.32
		Pump Intake (ft-bmp)	10.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.50				
Sample Time: Label	12:30	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:29						
Purge End	12:33						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	150	8.70	0.00	7.14	1.01	0.02	0.65	19.1	-123.0	Clear	No Odor
11:35	5	150	8.70	0.20	6.98	0.88	10.40	0.57	18.3	-84.0	Clear	No Odor
11:40	5	150	8.70	0.40	6.90	0.98	13.90	0.45	18.1	-64.2	Clear	No Odor
11:45	5	150	8.70	0.60	6.95	1.07	12.00	0.42	18.0	-62.5	Clear	No Odor
11:50	5	150	8.70	0.80	6.94	1.13	8.30	0.37	17.9	-57.3	Clear	No Odor
11:55	5	150	8.70	1.00	6.94	1.19	7.07	0.44	18.2	-53.5	Clear	No Odor
12:00	5	150	8.70	1.20	6.93	1.20	9.09	0.26	18.2	-51.9	Clear	No Odor
12:05	5	150	8.70	1.40	6.91	1.22	4.75	0.25	18.1	-47.2	Clear	No Odor
12:10	5	150	8.70	1.60	6.92	1.24	3.55	0.22	17.8	-48.7	Clear	No Odor
12:15	5	150	8.70	1.80	7.02	1.28	2.41	0.22	18.0	-55.5	Clear	No Odor
12:20	5	150	8.70	2.00	6.90	1.28	3.45	0.16	18.0	-45.8	Clear	No Odor
12:25	5	150	8.70	2.20	6.90	1.29	3.27	0.37	17.9	-45.7	Clear	No Odor
12:30	5	150	8.70	2.40	6.91	1.30	1.60	0.22	17.6	-47.0	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

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:	34921 Beacon; NW of house in garden bed	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-186S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	77 degrees F, Partly 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)	5.14	Total Depth (ft-bmp)	7.75	Water Column (ft.)	2.61	Gallons in Well	0.42
		Pump Intake (ft-bmp)	6.64	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.17				
Sample Time: Label	16:04	Volume Purged	1.33 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	15:31						
Purge End	16:09						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:31	0	200	5.17	0.00	7.02	1.18	56.20	0.69	17.1	-52.8	Cloudy	No Odor
15:36	5	150	5.16	0.26	6.69	1.15	21.90	0.97	16.2	-50.9	Clear	No Odor
15:41	5	150	5.16	0.46	6.67	1.16	8.22	1.18	16.2	-55.4	Clear	No Odor
15:46	5	200	5.16	0.66	6.71	1.16	4.37	0.31	16.2	-59.4	Clear	No Odor
15:51	5	160	5.16	0.92	6.74	1.15	3.84	0.49	16.1	-61.1	Clear	No Odor
15:56	5	150	5.16	1.13	6.77	1.15	2.38	0.27	16.0	-62.6	Clear	No Odor
16:01	5	140	5.16	1.33	6.78	1.15	0.93	0.10	16.0	-63.6	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* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	12321 Stark; in woods	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-187			Date	8-19-20
Project Name/Location	Ford LTP			Weather	73 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)	6.50	Total Depth (ft-bmp)	12.78	Water Column (ft.)	6.28	Gallons in Well	1.02
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.75				
Sample Time: Label	14:15	Volume Purged	1.79 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:14						
Purge End	14:18						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	150	6.50	0.00	7.00	1.02	59.90	1.23	17.6	-117.5	Turbid,Yellow	No Odor
13:20	5	125	6.50	0.20	6.78	0.96	51.90	0.39	17.9	-103.6	Small Orange Particulates,Yellow	No Odor
13:25	5	125	6.50	0.37	6.83	0.92	37.10	0.31	18.5	-105.0	Small Orange Particulates,Yellow	No Odor
13:30	5	125	6.50	0.54	6.83	0.89	21.10	0.28	18.0	-104.1	Clear	No Odor
13:35	5	125	6.50	0.71	6.83	0.89	18.20	0.21	18.1	-102.4	Clear	No Odor
13:40	5	100	6.50	0.88	6.83	0.89	12.80	0.18	18.2	-101.9	Clear	No Odor
13:45	5	100	6.50	1.01	6.88	0.89	8.16	0.34	18.5	-105.5	Clear	No Odor
13:50	5	100	6.50	1.14	6.84	0.89	4.40	0.16	18.3	-100.8	Clear	No Odor
13:55	5	100	6.50	1.27	6.85	0.89	3.33	0.15	18.3	-100.5	Clear	No Odor
14:00	5	100	6.50	1.40	6.90	0.89	5.48	0.24	18.6	-104.4	Clear	No Odor
14:05	5	100	6.50	1.53	6.86	0.89	4.39	0.16	18.4	-101.0	Clear	No Odor
14:10	5	100	6.50	1.66	6.86	0.89	2.52	0.15	17.9	-100.0	Clear	No Odor
14:15	5	100	6.50	1.79	6.84	0.89	2.42	0.11	17.9	-100.0	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

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:	12335 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-187S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	73 degrees F, Partly 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)	6.52	Total Depth (ft-bmp)	8.24	Water Column (ft.)	1.72	Gallons in Well	0.28
		Pump Intake (ft-bmp)	8.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.25				
Sample Time: Label	15:35	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	15:00						
Purge End	15:38						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:00	0	100	6.55	0.00	6.67	1.25	238.00	0.59	21.3	38.8	Cloudy,Yellow	No Odor
15:05	5	100	6.55	0.13	6.66	1.24	171.00	0.46	21.6	34.0	Cloudy,Yellow	No Odor
15:10	5	100	6.53	0.26	6.70	1.25	123.00	0.36	21.7	28.4	Clear	No Odor
15:15	5	100	6.53	0.39	6.69	1.22	13.80	0.25	21.5	21.5	Clear	No Odor
15:20	5	100	6.55	0.52	6.70	1.21	5.86	0.17	21.4	13.3	Clear	No Odor
15:25	5	100	6.55	0.65	6.76	1.20	2.77	0.28	21.7	6.1	Clear	No Odor
15:30	5	100	6.55	0.78	6.69	1.20	2.04	0.16	21.5	7.5	Clear	No Odor
15:35	5	100	6.55	0.91	6.67	1.19	2.27	0.12	21.5	8.4	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
1,1-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:	12335 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-188S			Date	8-19-20
Project Name/Location	Ford LTP			Weather	77 degrees F, Partly 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)	6.00	Total Depth (ft-bmp)	8.00	Water Column (ft.)	2.0	Gallons in Well	0.32
		Pump Intake (ft-bmp)	7.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4				
Sample Time: Label	16:45	Volume Purged	1.28 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	16:02						
Purge End	16:48						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:05	0	125	6.00	0.00	6.69	0.88	7.16	0.32	22.0	-127.2	Clear	No Odor
16:10	5	125	6.00	0.17	6.72	0.83	3.14	0.39	21.9	-98.4	Clear,Small White Particulates	No Odor
16:15	5	125	6.00	0.34	6.65	0.81	0.71	0.13	21.7	-91.1	Clear,Small White Particulates	No Odor
16:20	5	125	6.00	0.51	6.66	0.81	1.38	0.10	21.7	-89.8	Clear	No Odor
16:25	5	150	6.00	0.68	6.71	0.81	2.56	0.17	21.7	-91.7	Small White Particulates	No Odor
16:30	5	150	6.00	0.88	6.69	0.79	2.69	0.08	21.5	-86.5	Clear,Small White Particulates	No Odor
16:35	5	150	6.00	1.08	6.67	0.78	0.96	0.07	21.5	-84.4	Clear,Small White Particulates	No Odor
16:40	5	150	6.00	1.28	6.69	0.78	0.49	0.07	21.5	-85.2	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
1,1-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* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	12425 Stark	Well Locked at Arrival:	no
Condition of Well:	Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-189			Date	8-18-20
Project Name/Location	Ford LTP			Weather	73 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.15	Total Depth (ft-bmp)	13.95	Water Column (ft.)	7.80	Gallons in Well	1.27
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.92				
Sample Time: Label	14:51	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:05						
Purge End	15:57						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:05	0	100	6.17	0.00	6.97	0.89	13.90	0.60	19.3	202.1	Clear,Small Brown Particulates	No Odor
14:10	5	100	6.17	0.13	7.00	0.88	30.70	0.41	19.4	157.4	Small Brown Particulates,Turbid	No Odor
14:15	5	100	6.17	0.26	7.04	0.88	163.00	0.30	19.1	134.4	Small Brown Particulates,Turbid	No Odor
14:20	5	100	6.17	0.39	7.10	0.89	9.59	0.22	19.3	121.5	Clear	No Odor
14:25	5	100	6.17	0.52	7.11	0.89	6.69	0.21	19.3	113.7	Clear	No Odor
14:30	5	100	6.17	0.65	7.12	0.88	5.23	0.21	19.2	110.7	Clear	No Odor
14:35	5	100	6.17	0.78	7.12	0.88	5.28	0.20	18.9	109.3	Clear	No Odor
14:40	5	100	6.17	0.91	7.15	0.88	3.51	0.19	19.1	103.9	Clear	No Odor
14:45	5	100	6.17	1.04	7.15	0.87	2.74	0.19	19.2	100.6	Clear	No Odor
14:50	5	100	6.17	1.17	7.20	0.87	2.02	0.15	19.2	94.9	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
1,1-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:	12641 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-189S			Date	8-18-20
Project Name/Location	Ford LTP			Weather	74 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.25	Total Depth (ft-bmp)	9.10	Water Column (ft.)	2.85	Gallons in Well	0.46
		Pump Intake (ft-bmp)	7.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.54				
Sample Time: Label	16:00	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:15						
Purge End	16:10						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:15	0	100	6.30	0.00	7.00	1.27	3.29	0.63	22.6	165.1	Clear	No Odor
15:20	5	100	6.30	0.13	6.95	1.28	1.74	0.30	22.0	172.2	Clear	No Odor
15:25	5	100	6.35	0.26	6.96	1.27	1.65	0.18	21.7	175.3	Clear	No Odor
15:30	5	100	6.35	0.39	7.00	1.27	1.89	0.20	21.7	176.3	Clear	No Odor
15:35	5	100	6.35	0.52	7.01	1.27	1.54	0.20	21.8	178.3	Clear	No Odor
15:40	5	100	6.36	0.65	7.04	1.26	1.29	0.18	21.9	179.9	Clear	No Odor
15:45	5	100	6.36	0.78	7.04	1.26	1.21	0.16	21.0	181.0	Clear	No Odor
15:50	5	100	6.36	0.91	7.04	1.26	0.89	0.17	21.9	183.4	Clear	No Odor
15:55	5	100	6.36	1.04	7.02	1.26	0.78	0.16	21.7	187.2	Clear	No Odor
16:00	5	100	6.36	1.17	7.06	1.25	0.87	0.15	21.7	187.9	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
1,1-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* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	12641 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-190			Date	8-27-20
Project Name/Location	Ford LTP			Weather	81 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.50	Total Depth (ft-bmp)	13.37	Water Column (ft.)	8.87	Gallons in Well	1.44
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.53				
Sample Time: Label	11:40	Volume Purged	2.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:38						
Purge End	11:43						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	150	4.53	0.00	7.19	2.84	7.59	0.53	22.9	-144.5	Clear	No Odor
10:45	5	150	4.53	0.20	7.09	2.51	23.90	0.32	22.8	-138.9	Clear,Small Orange Particulates	No Odor
10:50	5	150	4.53	0.40	7.03	2.21	12.50	0.16	22.8	-138.4	Clear,Small Orange Particulates	No Odor
10:55	5	150	4.55	0.60	6.99	2.03	14.00	0.10	22.6	-139.6	Clear	No Odor
11:00	5	150	4.55	0.80	7.00	2.04	11.30	0.09	22.6	-140.8	Clear	No Odor
11:05	5	150	4.55	1.00	7.00	2.05	9.40	0.08	22.6	-141.9	Clear	No Odor
11:10	5	150	4.55	1.20	7.07	2.08	7.69	0.14	22.7	-145.0	Clear	No Odor
11:15	5	150	4.55	1.40	7.02	2.10	5.08	0.08	22.6	-144.3	Clear	No Odor
11:20	5	150	4.55	1.60	7.01	2.11	5.73	0.05	22.7	-146.5	Clear	No Odor
11:25	5	150	4.55	1.80	7.03	2.12	1.40	0.06	22.9	-147.3	Clear	No Odor
11:30	5	150	4.55	2.00	7.06	2.12	2.69	0.07	23.1	-148.4	Clear	No Odor
11:35	5	150	4.55	2.20	7.06	2.16	0.86	0.06	23.0	-147.1	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

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:	12725 Fairlane	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-190S			Date	8-27-20
Project Name/Location	Ford LTP			Weather	78 degrees F, Partly 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)	4.53	Total Depth (ft-bmp)	6.85	Water Column (ft.)	2.32	Gallons in Well	0.38
		Pump Intake (ft-bmp)	6.03	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.53				
Sample Time: Label	10:20	Volume Purged	1.34 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:39						
Purge End	10:24						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	125	4.53	0.00	6.86	0.86	34.00	1.14	25.8	82.0	Clear,Small Orange Particulates	No Odor
9:45	5	125	4.54	0.17	6.94	0.81	21.60	1.01	25.8	-18.8	Clear	No Odor
9:50	5	150	4.55	0.34	6.99	0.78	19.30	0.60	25.8	-78.9	Clear,Small Orange Particulates	No Odor
9:55	5	150	4.57	0.54	6.98	0.76	9.91	0.55	25.8	-92.4	Clear	No Odor
10:00	5	150	4.55	0.74	6.97	0.75	15.10	0.66	25.7	-99.6	Clear,Small Orange Particulates	No Odor
10:05	5	150	4.55	0.94	7.00	0.75	3.56	0.58	25.6	-102.6	Clear	No Odor
10:10	5	150	4.55	1.14	6.99	0.75	1.23	0.53	25.6	-104.8	Clear	No Odor
10:15	5	150	4.55	1.34	6.93	0.75	0.25	0.55	25.6	-107.9	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
1,1-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 All bolts broke when opening well

Well Casing Volumes

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

Well Information

Well Location:	12725 Fairlane	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-191S			Date	8-27-20
Project Name/Location	Ford LTP			Weather	89 degrees F, Mostly Clear		
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)	5.40	Total Depth (ft-bmp)	6.81	Water Column (ft.)	1.41	Gallons in Well	0.23
		Pump Intake (ft-bmp)	6.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.09				
Sample Time: Label	13:35	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:52						
Purge End	13:38						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	150	4.45	0.00	6.67	2.38	16.40	0.29	23.0	-106.0	Clear	No Odor
13:00	5	150	4.45	0.20	6.70	2.12	33.40	0.28	22.7	-102.6	Clear	No Odor
13:05	5	150	4.45	0.40	6.70	2.06	16.50	0.12	22.6	-97.1	Clear	No Odor
13:10	5	150	4.45	0.60	6.72	2.00	7.60	0.12	22.6	-95.3	Clear	No Odor
13:15	5	150	4.45	0.80	6.74	1.95	3.50	0.09	22.5	-93.9	Clear	No Odor
13:20	5	150	4.45	1.00	6.79	1.92	2.52	0.11	22.6	-94.8	Clear	No Odor
13:25	5	150	4.45	1.20	6.75	1.89	2.09	0.08	22.6	-92.8	Clear	No Odor
13:30	5	150	4.45	1.40	6.75	1.87	1.87	0.07	22.6	-92.4	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
1,1-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 Broke two bolts opening the well

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:	35015 Glendale	Well Locked at Arrival:	yes
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-193S			Date	8-12-20
Project Name/Location	Ford LTP			Weather	79 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)	4.80	Total Depth (ft-bmp)	7.35	Water Column (ft.)	2.55	Gallons in Well	0.41
		Pump Intake (ft-bmp)	6.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.29				
Sample Time: Label	13:50	Volume Purged	0.94 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:10						
Purge End	13:54						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:10	0	150	4.85	0.00	7.84	1.01	6.93	2.08	20.4	27.0	Clear,Small Brown Particulates,Sma	No Odor
13:15	4	100	4.85	0.16	6.99	0.90	6.08	1.64	20.2	36.8	Clear,Small Brown Particulates,Sma	No Odor
13:20	5	100	4.90	0.29	6.94	0.86	5.48	1.82	20.1	19.9	Clear,Small Orange Particulates	No Odor
13:25	5	100	4.92	0.42	6.93	0.82	4.17	1.72	19.8	5.3	Clear,Small White Particulates	No Odor
13:30	5	100	4.92	0.55	6.94	0.82	2.17	1.64	20.0	0.3	Clear,Small White Particulates	No Odor
13:35	5	100	4.93	0.68	6.94	0.83	1.68	1.34	19.7	-0.6	Clear	No Odor
13:40	5	100	4.93	0.81	6.94	0.83	1.50	1.44	19.6	1.6	Clear	No Odor
13:45	5	100	4.94	0.94	6.98	0.83	1.10	1.31	19.7	1.0	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

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:	34940 Beacon, south of house in front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-202			Date	8-4-20
Project Name/Location	Ford LTP			Weather	70 degrees F, 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)	4.63	Total Depth (ft-bmp)	16.50	Water Column (ft.)	11.87	Gallons in Well	1.93
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.87				
Sample Time: Label	11:35	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:55						
Purge End	11:38						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:57	0	180	4.65	0.00	7.52	3.44	16.00	1.22	18.2	58.3	Clear	No Odor
11:02	5	180	4.65	0.24	7.34	3.44	10.70	0.99	18.9	58.9	Clear	No Odor
11:07	5	180	4.66	0.48	7.32	3.44	4.94	0.77	18.5	55.3	Clear	No Odor
11:12	5	180	4.66	0.72	7.32	3.43	1.88	0.76	18.8	1.4	Clear	No Odor
11:17	5	180	4.66	0.96	7.29	3.42	2.28	0.79	18.8	-47.7	Clear	No Odor
11:22	5	180	4.66	1.20	7.29	3.42	0.02	0.82	18.7	-57.8	Clear	No Odor
11:27	5	180	4.66	1.44	7.30	3.42	0.02	0.80	18.9	-64.0	Clear	No Odor
11:32	5	180	4.66	1.68	7.30	3.42	0.02	0.86	19.0	-64.6	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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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:	12447 Levan	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-202S			Date	8-4-20
Project Name/Location		Ford LTP		Weather	72 degrees F, 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)	4.71	Total Depth (ft-bmp)	8.43	Water Column (ft.)	3.72	Gallons in Well	0.60
		Pump Intake (ft-bmp)	6.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.40				
Sample Time: Label	12:17	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:44						
Purge End	12:20						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	180	4.75	0.00	7.56	4.49	8.91	1.26	22.0	-5.7	Clear	No Odor
11:50	5	180	4.76	0.24	7.54	4.54	3.06	0.51	21.9	-46.6	Clear	No Odor
11:55	5	180	4.76	0.48	7.52	4.57	1.37	0.45	22.0	-62.8	Clear	No Odor
12:00	5	180	4.76	0.72	7.50	4.53	0.38	0.39	21.9	-99.7	Clear	No Odor
12:05	5	180	4.76	0.96	7.47	4.49	0.81	0.32	21.9	-133.0	Clear	No Odor
12:10	5	180	4.76	1.20	7.46	4.47	0.07	0.30	21.8	-135.5	Clear	No Odor
12:15	5	180	4.76	1.44	7.45	4.47	0.02	0.29	21.9	-142.3	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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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:	12447 Levan	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-203			Date	8-4-20
Project Name/Location	Ford LTP			Weather	74 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13-18	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.39	Total Depth (ft-bmp)	17.40	Water Column (ft.)	13.01	Gallons in Well	2.11
		Pump Intake (ft-bmp)	15.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.66				
Sample Time: Label	14:38	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	14:03						
Purge End	14:40						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:05	0	180	4.41	0.00	7.70	6.32	8.79	4.75	19.7	20.4	Clear	No Odor
14:10	5	180	4.41	0.24	7.67	6.32	12.60	5.31	19.1	19.7	Clear	No Odor
14:15	5	180	4.41	0.48	7.65	6.33	5.98	4.61	19.9	12.7	Clear	No Odor
14:20	5	170	4.41	0.72	7.63	6.40	0.78	4.33	19.2	8.9	Clear	No Odor
14:25	5	180	4.41	0.94	7.63	6.41	0.32	4.01	19.7	2.3	Clear	No Odor
14:30	5	170	4.41	1.18	7.62	6.42	0.85	3.84	19.9	-2.4	Clear	No Odor
14:35	5	180	4.41	1.40	7.62	6.44	0.02	3.64	19.8	-6.6	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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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:	12447 Levan	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-203S			Date	8-4-20
Project Name/Location	Ford LTP			Weather	74 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)	4.25	Total Depth (ft-bmp)	8.22	Water Column (ft.)	3.97	Gallons in Well	0.65
		Pump Intake (ft-bmp)	5.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.06				
Sample Time: Label	13:48	Volume Purged	2.64 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:44						
Purge End	13:50						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	170	4.26	0.00	7.86	3.93	148.00	2.74	24.7	13.9	Clear,Orange	No Odor
12:50	5	170	4.27	0.22	7.83	4.16	128.00	2.27	24.4	15.9	Clear,Orange	No Odor
12:55	5	170	4.26	0.44	7.85	4.54	158.00	1.89	24.2	19.8	Clear,Orange	No Odor
13:00	5	170	4.26	0.66	7.83	4.80	128.00	1.67	24.0	23.6	Clear,Orange	No Odor
13:05	5	170	4.26	0.88	7.76	4.93	109.00	1.75	23.9	24.4	Clear,Orange	No Odor
13:10	5	170	4.26	1.10	7.75	4.97	105.00	1.80	23.8	24.2	Clear,Orange	No Odor
13:15	5	170	4.26	1.32	7.71	4.99	101.00	1.70	23.8	22.8	Clear,Orange	No Odor
13:20	5	170	4.26	1.54	7.71	5.04	87.70	1.72	23.7	21.3	Clear,Orange	No Odor
13:25	5	170	4.26	1.76	7.71	5.12	66.70	1.55	23.6	17.3	Clear,Orange	No Odor
13:30	5	170	4.26	1.98	7.70	5.30	43.80	1.41	23.7	-1.0	Clear	No Odor
13:35	5	170	4.26	2.20	7.69	5.63	18.30	1.17	23.9	-45.1	Clear	No Odor
13:40	5	170	4.26	2.42	7.69	6.01	8.33	1.21	23.8	-70.6	Clear	No Odor
13:45	5	170	4.26	2.64	7.68	5.94	4.26	1.17	23.9	-79.4	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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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:	12447 Levan	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-206			Date	8-4-20
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)	8.50	Total Depth (ft-bmp)	18.25	Water Column (ft.)	9.75	Gallons in Well	1.58
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.97				
Sample Time: Label	9:15	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	8:12						
Purge End	9:18						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:13	0	200	8.55	0.00	6.99	2.31	1100.00	1.12	17.7	86.1	Brown	No Odor
8:18	5	200	8.55	0.26	6.96	2.26	859.00	1.42	17.7	73.0	Brown	No Odor
8:23	5	200	8.55	0.52	6.96	2.19	477.00	1.66	17.5	66.6	Brown,Cloudy	No Odor
8:28	5	200	8.55	0.78	6.97	2.16	267.00	1.62	17.4	56.4	Cloudy	No Odor
8:33	5	200	8.55	1.04	7.00	2.12	126.00	1.53	17.5	51.8	Cloudy	No Odor
8:38	5	200	8.55	1.30	7.04	2.05	140.00	1.46	17.7	48.5	Clear	No Odor
8:43	5	200	8.55	1.56	7.07	1.96	141.00	1.45	17.7	46.3	Clear	No Odor
8:48	5	200	8.55	1.82	7.09	1.81	90.80	1.39	17.7	42.9	Clear,Small Brown Particulates	No Odor
8:53	5	200	8.55	2.08	7.09	1.81	75.60	1.35	17.7	42.8	Clear,Small Brown Particulates	No Odor
8:58	5	200	8.55	2.34	7.10	1.80	64.80	1.34	17.7	42.0	Clear	No Odor
9:03	5	200	8.55	2.60	7.10	1.77	62.90	1.32	17.6	40.2	Clear,Small Brown Particulates	No Odor
9:08	5	200	8.55	2.86	7.10	1.76	47.50	1.33	17.6	40.3	Clear	No Odor
9:13	5	200	8.55	3.12	7.10	1.74	45.80	1.32	17.6	40.5	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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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:	12447 Levan	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-206S			Date	8-4-20
Project Name/Location		Ford LTP		Weather	66 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.45	Total Depth (ft-bmp)	11.45	Water Column (ft.)	3.00	Gallons in Well	0.49
		Pump Intake (ft-bmp)	9.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.78				
Sample Time: Label	10:15	Volume Purged	2.34 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	9:23						
Purge End	10:18						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	200	8.45	0.00	8.49	2.75	243.00	3.92	20.9	54.3	Clear	No Odor
9:30	5	200	8.46	0.26	7.47	2.85	280.00	3.42	20.9	3.9	Clear,Small Brown Particulates	No Odor
9:35	5	200	8.45	0.52	7.23	2.82	213.00	3.49	20.9	-22.5	Clear,Small Orange Particulates	No Odor
9:40	5	200	8.45	0.78	6.93	3.31	132.00	3.06	20.8	-23.6	Clear	No Odor
9:45	5	200	8.45	1.04	7.19	2.91	71.00	3.94	20.9	-30.9	Clear	No Odor
9:50	5	200	8.45	1.30	7.22	2.83	52.40	4.32	20.9	-32.8	Clear	No Odor
9:55	5	200	8.45	1.56	7.24	2.74	39.70	4.18	20.9	-31.6	Clear	No Odor
10:00	5	200	8.45	1.82	7.26	2.64	26.50	4.38	21.0	-26.4	Clear	No Odor
10:05	5	200	8.45	2.08	7.27	2.61	24.70	4.47	20.9	-23.7	Clear	No Odor
10:10	5	200	8.45	2.34	7.31	2.60	25.50	4.51	21.1	-17.9	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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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:	12447 Levan	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-207S			Date	8-6-20
Project Name/Location	Ford LTP			Weather	63 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.12	Total Depth (ft-bmp)	9.50	Water Column (ft.)	1.38	Gallons in Well	0.22
		Pump Intake (ft-bmp)	8.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.86				
Sample Time: Label	13:45	Volume Purged	1.29 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:05						
Purge End	13:48						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	125	8.25	0.00	7.67	0.61	1.52	4.96	17.7	105.7	Clear,Cloudy	No Odor
13:10	5	125	8.25	0.17	7.48	0.61	14.60	4.96	17.6	102.8	Clear,Cloudy	No Odor
13:15	5	125	8.25	0.34	7.37	0.61	3.95	4.95	17.5	55.2	Clear	No Odor
13:20	5	125	8.25	0.51	7.35	0.60	2.33	5.26	17.5	33.6	Clear	No Odor
13:25	5	125	8.30	0.68	7.35	0.63	4.84	5.17	17.4	28.7	Clear	No Odor
13:30	5	170	8.31	0.85	7.33	0.64	3.67	5.17	17.3	34.3	Clear	No Odor
13:35	5	170	8.31	1.07	7.37	0.65	0.33	5.18	17.3	38.8	Clear	No Odor
13:40	5	170	8.31	1.29	7.33	0.65	0.02	5.21	17.2	43.3	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
VOCs	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments None

Well Casing Volumes

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

Well Information

Well Location:	12125 Stark, east side of house in front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-214S			Date	8-10-20
Project Name/Location	Ford LTP			Weather	79 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.80	Total Depth (ft-bmp)	10.96	Water Column (ft.)	3.16	Gallons in Well	0.51
		Pump Intake (ft-bmp)	9.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.12				
Sample Time: Label	11:30	Volume Purged	2.1 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:45						
Purge End	11:38						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	200	7.82	0.00	7.93	1.06	81.20	1.24	22.0	-187.3	Turbid,Yellow	No Odor
10:50	5	200	7.82	0.26	7.22	4.37	55.00	0.28	21.3	-131.6	Turbid,Yellow	No Odor
10:55	5	200	7.82	0.52	7.09	4.36	31.10	0.17	21.1	-127.1	Yellow	No Odor
11:00	5	200	7.82	0.78	7.07	4.35	18.00	0.12	21.1	-126.1	Yellow	No Odor
11:05	5	200	7.82	1.04	7.08	4.33	10.30	0.09	21.1	-124.1	Clear	No Odor
11:10	5	150	7.82	1.30	7.09	4.32	6.93	0.12	21.0	-122.4	Yellow	No Odor
11:15	5	150	7.82	1.50	7.10	4.31	6.95	0.08	21.2	-119.2	Yellow	No Odor
11:20	5	150	7.82	1.70	7.10	4.30	4.65	0.09	21.3	-116.9	Clear	No Odor
11:25	5	150	7.82	1.90	7.09	4.28	3.93	0.08	21.2	-114.5	Clear	No Odor
11:30	5	150	7.82	2.10	7.10	4.29	4.24	0.11	21.2	-114.1	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

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:	12400 Belden	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-215S			Date	8-10-20
Project Name/Location	Ford LTP			Weather	85 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)	5.58	Total Depth (ft-bmp)	7.62	Water Column (ft.)	2.04	Gallons in Well	0.33
		Pump Intake (ft-bmp)	7.08	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.52				
Sample Time: Label	14:10	Volume Purged	1.82 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:30						
Purge End	14:18						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	200	5.60	0.00	9.47	0.43	15.20	0.58	20.6	52.5	Clear	No Odor
13:35	5	200	5.60	0.26	8.58	0.26	11.30	6.67	20.4	80.9	Clear	No Odor
13:40	5	200	5.60	0.52	8.24	0.25	5.19	5.88	20.7	88.7	Clear	No Odor
13:45	5	200	5.60	0.78	8.13	0.26	2.90	5.70	20.5	87.0	Clear	No Odor
13:50	5	200	5.61	1.04	8.12	0.26	0.58	6.11	20.7	85.6	Clear	No Odor
13:55	5	200	5.61	1.30	8.08	0.27	0.02	6.16	20.7	86.7	Clear	No Odor
14:00	5	200	5.61	1.56	8.09	0.27	0.02	6.01	20.8	84.2	Clear	No Odor
14:05	5	200	5.61	1.82	8.07	0.27	0.02	6.20	20.8	85.5	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

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; NW in car storage lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-216S			Date	8-12-20
Project Name/Location	Ford LTP			Weather	83 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)	8.85	Total Depth (ft-bmp)	10.39	Water Column (ft.)	1.54	Gallons in Well	0.25
		Pump Intake (ft-bmp)	10.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.92				
Sample Time: Label	17:03	Volume Purged	1.48 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	16:18						
Purge End	17:08						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:18	0	200	8.92	0.00	7.33	0.35	56.00	1.49	15.3	135.2	Clear	No Odor
16:23	5	150	8.92	0.26	7.04	0.35	27.20	0.38	13.8	124.9	Clear	No Odor
16:28	5	125	8.91	0.46	7.18	0.35	19.90	0.30	13.9	105.8	Clear	No Odor
16:33	5	125	8.91	0.63	7.28	0.35	14.20	0.24	13.8	96.9	Clear	No Odor
16:38	5	125	8.91	0.80	7.37	0.35	7.87	0.16	13.8	90.7	Clear	No Odor
16:43	5	125	8.91	0.97	7.39	0.35	5.74	0.15	13.7	88.0	Clear	No Odor
16:48	5	125	8.91	1.14	7.41	0.35	4.97	0.16	13.7	85.5	Clear	No Odor
16:53	5	125	8.92	1.31	7.46	0.35	4.94	0.18	13.8	79.0	Clear	No Odor
16:58	5	125	9.81	1.48	7.45	0.35	5.10	0.15	14.0	76.0	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

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

Well Information

Well Location:	34851 Wadsworth backyard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-217S			Date	8-12-20
Project Name/Location	Ford LTP			Weather	71 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)	7.83	Total Depth (ft-bmp)	10.22	Water Column (ft.)	2.39	Gallons in Well	0.39
		Pump Intake (ft-bmp)	9.33	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.36				
Sample Time: Label	10:51	Volume Purged	2.09 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:47						
Purge End	10:55						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:48	0	200	7.87	0.00	7.05	0.63	1100.00	2.04	14.1	155.8	Brown	No Odor
9:53	5	75	7.86	0.26	7.19	0.62	285.00	1.64	13.9	160.8	Cloudy	No Odor
9:58	5	75	7.87	0.36	7.36	0.62	73.70	1.78	14.4	67.4	Clear	No Odor
10:03	5	100	7.86	0.46	7.46	0.60	24.30	1.88	14.3	48.6	Clear	No Odor
10:08	5	100	7.86	0.59	7.46	0.59	16.20	1.84	14.2	24.4	Clear	No Odor
10:13	5	125	7.87	0.72	7.47	0.58	9.68	1.79	14.1	9.6	Clear	No Odor
10:18	5	150	7.87	0.89	7.48	0.58	10.40	1.69	14.1	-1.7	Clear	No Odor
10:23	5	150	7.87	1.09	7.48	0.58	10.30	1.58	14.1	-12.5	Clear	No Odor
10:28	5	150	7.87	1.29	7.48	0.57	9.77	1.68	14.1	-18.8	Clear	No Odor
10:33	5	150	7.87	1.49	7.48	0.57	5.71	1.61	14.1	0.6	Clear	No Odor
10:38	5	150	7.87	1.69	7.48	0.56	4.68	1.63	14.1	-19.0	Clear	No Odor
10:43	5	150	7.87	1.89	7.48	0.56	4.07	1.59	14.1	-25.3	Clear	No Odor
10:48	5	150	7.87	2.09	7.48	0.56	4.74	1.61	14.2	-31.7	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

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 backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-223S			Date	8-10-20
Project Name/Location	Ford LTP			Weather	82 degrees F, Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.5-13.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.50	Total Depth (ft-bmp)	13.50	Water Column (ft.)	3.00	Gallons in Well	0.49
		Pump Intake (ft-bmp)	12.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.20				
Sample Time: Label	13:00	Volume Purged	2.06 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:05						
Purge End	13:08						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	200	10.72	0.00	7.22	6.95	69.80	0.88	20.7	-11.1	Small Orange Particulates,Turbid,Yellow	No Odor
12:10	5	150	10.71	0.26	7.20	7.04	55.40	0.47	21.0	-22.4	Small Orange Particulates,Turbid,Yellow	No Odor
12:15	5	150	10.72	0.46	7.21	6.92	29.40	0.50	20.7	-15.7	Turbid,Yellow	No Odor
12:20	5	150	10.72	0.66	7.21	7.05	18.10	0.51	20.6	-25.8	Yellow	No Odor
12:25	5	150	10.72	0.86	7.22	7.00	14.20	0.47	20.6	-21.8	Yellow	No Odor
12:30	5	150	10.72	1.06	7.22	6.83	9.42	0.41	20.6	16.3	Clear	No Odor
12:35	5	150	10.72	1.26	7.22	6.61	7.35	0.42	20.5	-25.3	Clear	No Odor
12:40	5	150	10.72	1.46	7.23	6.42	6.43	0.40	20.4	-26.8	Clear	No Odor
12:45	5	150	10.72	1.66	7.22	6.27	4.42	0.40	20.4	-28.6	Clear	No Odor
12:50	5	150	10.72	1.86	7.22	6.21	3.59	0.41	20.5	-26.9	Clear	No Odor
12:55	5	150	10.72	2.06	7.23	6.11	4.28	0.42	20.5	-25.7	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
1,1-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:	35000 Plymouth; in parking lot near west entrance	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-225S			Date	8-7-20
Project Name/Location		Ford LTP		Weather	78 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.56	Total Depth (ft-bmp)	10.50	Water Column (ft.)	2.94	Gallons in Well	0.48
		Pump Intake (ft-bmp)	9.06	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.17				
Sample Time: Label	13:00	Volume Purged	1.52 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:25						
Purge End	13:02						

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) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	180	7.73	0.00	7.97	0.37	29.60	5.57	16.4	127.9	Clear	No Odor
12:30	5	180	7.73	0.24	7.40	0.34	37.50	5.32	16.5	143.0	Clear	No Odor
12:35	5	200	7.73	0.48	7.19	0.31	14.10	5.44	16.3	149.2	Clear	No Odor
12:40	5	200	7.75	0.74	7.21	0.31	4.19	5.47	16.2	147.3	Clear	No Odor
12:45	5	200	7.75	1.00	7.23	0.30	2.48	5.44	16.3	145.7	Clear	No Odor
12:50	5	200	7.75	1.26	7.26	0.31	1.69	5.35	16.3	144.0	Clear	No Odor
12:55	5	200	7.75	1.52	7.28	0.31	0.30	5.38	16.2	143.1	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
VOCs	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

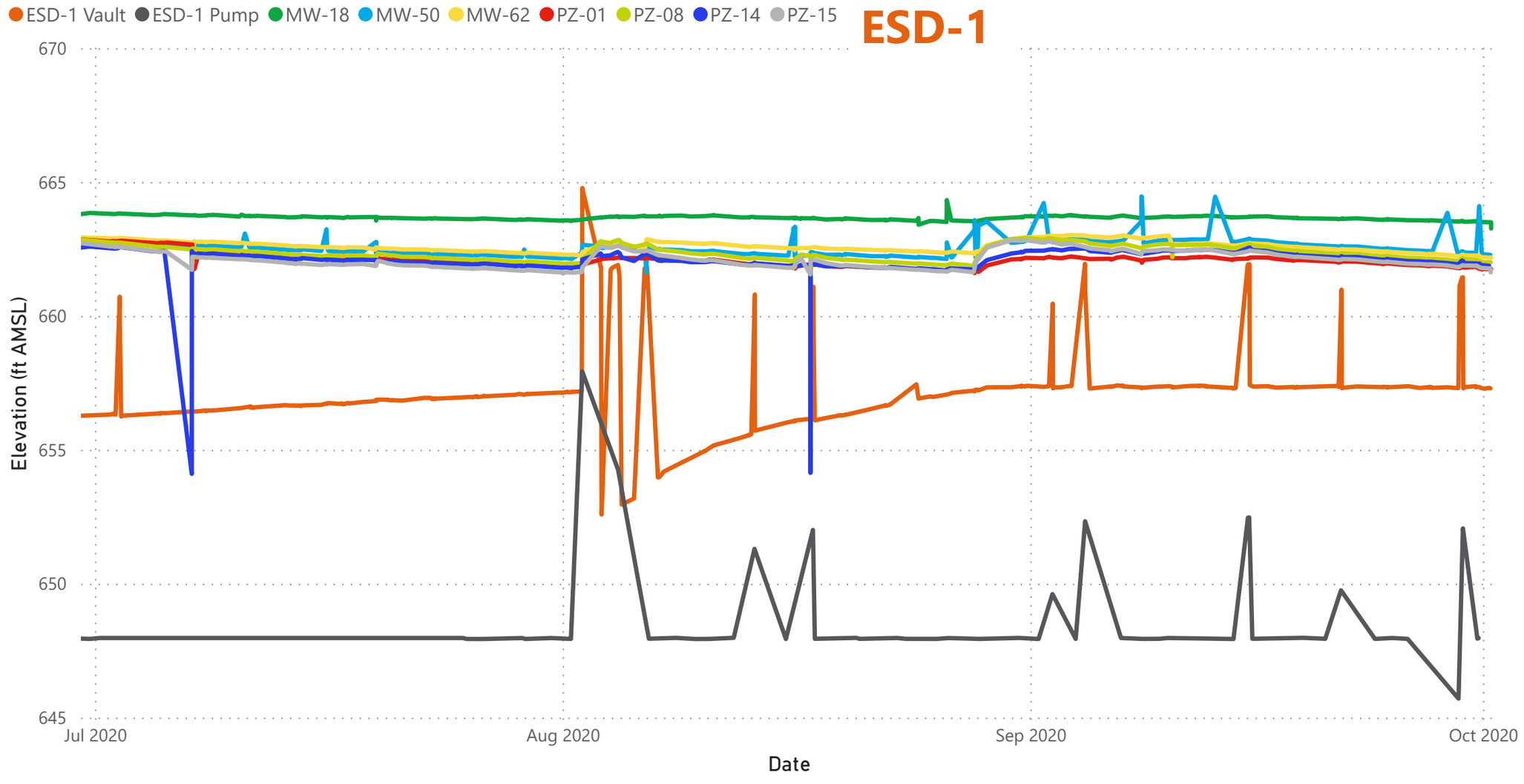
Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34800 Standish; south of house in front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

APPENDIX D

Transducer Data

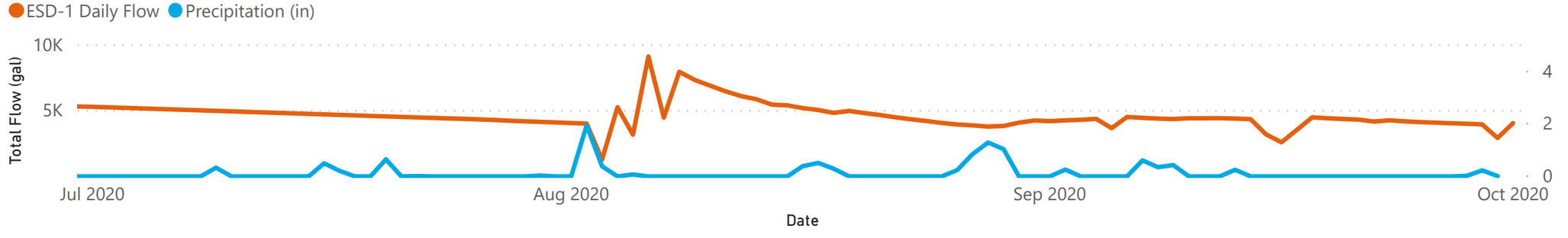


Transducer Download Dates

Tuesday, July 7, 2020

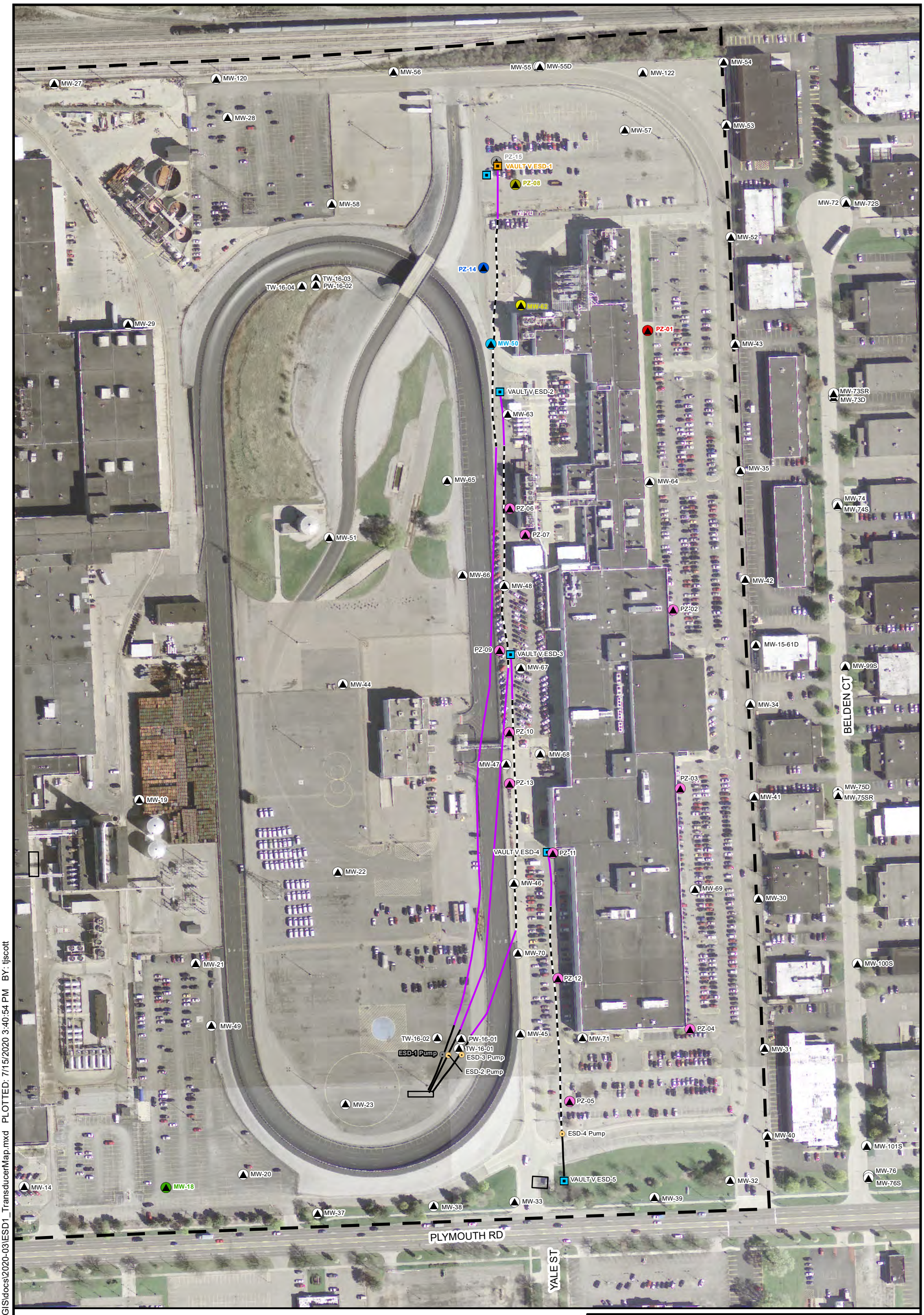
Monday, August 17, 2020

Thursday, October 1, 2020



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PN:30050315



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\NoviBrighton_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. SYMBOLOGY COLOR-CODING CORRESPONDS TO ASSOCIATED TRANSDUCER DATA. REFER TO ATTACHED GRAPH.

N

0 100 200

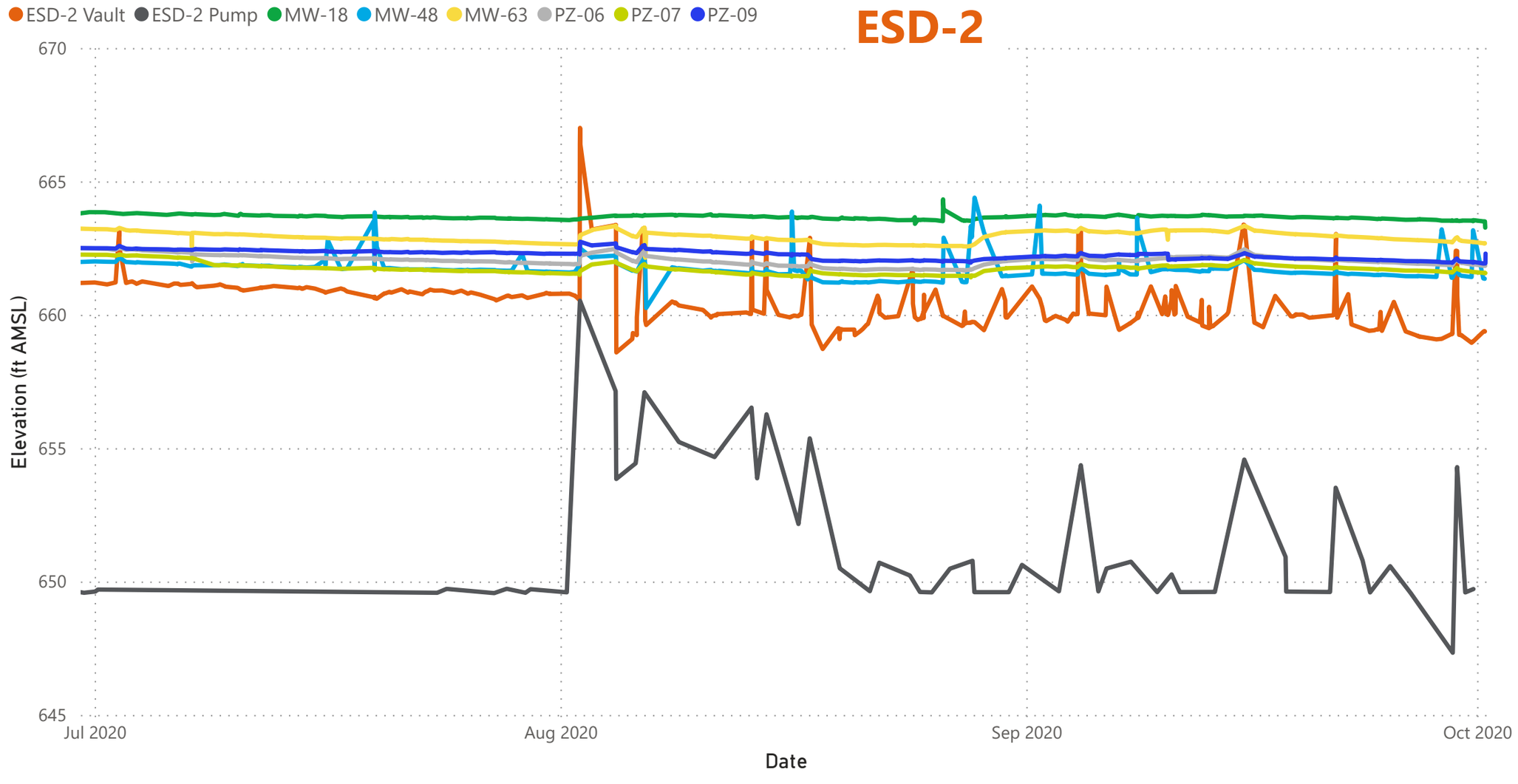
SCALE IN FEET
1 inch = 200 feet

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

PERFORMANCE MONITORING WELLS - ESD-1

ARCADIS Design & Consultancy for natural and built assets

ESD-2

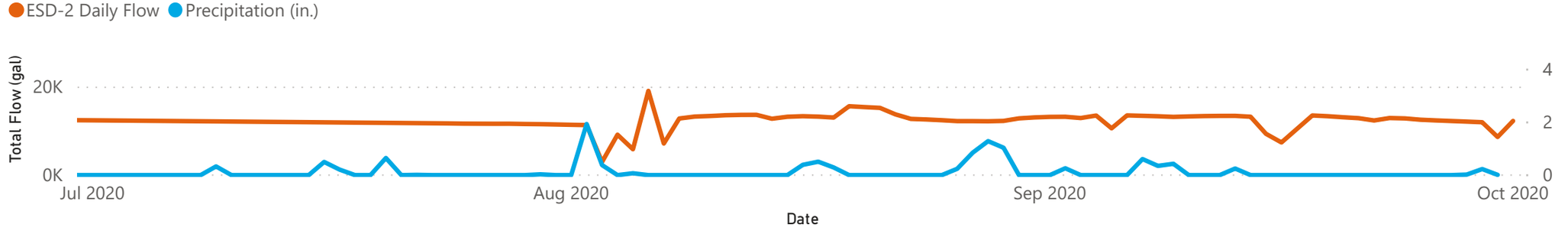


Transducer Download Dates

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Monday, August 17, 2020

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PN:30050315



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\NoviBrighton_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

NOTES:

1. SYMBOLOGY COLOR-CODING CORRESPONDS TO ASSOCIATED TRANSDUCER DATA. REFER TO ATTACHED GRAPH.

0 100 200

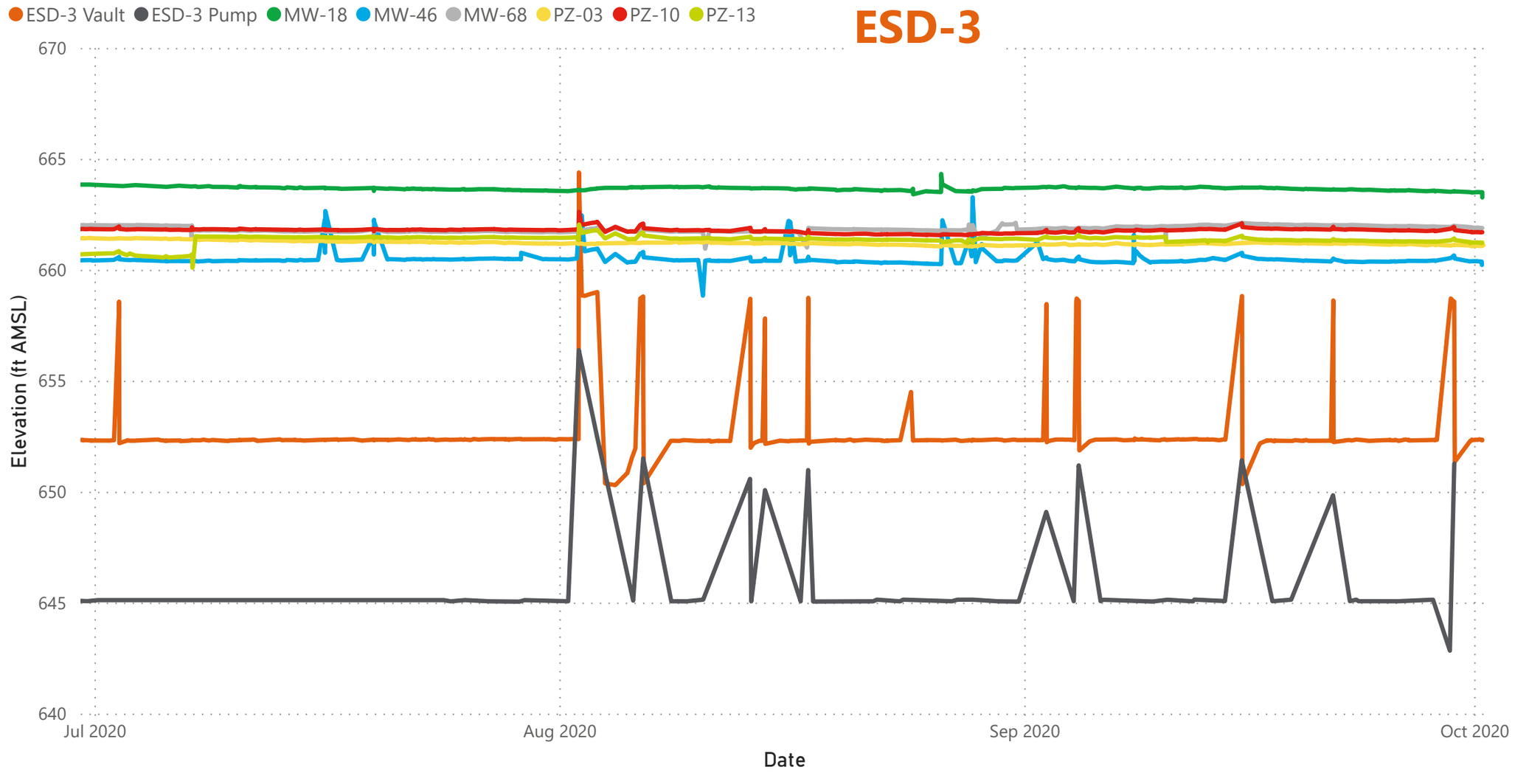
SCALE IN FEET
1 inch = 200 feet

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

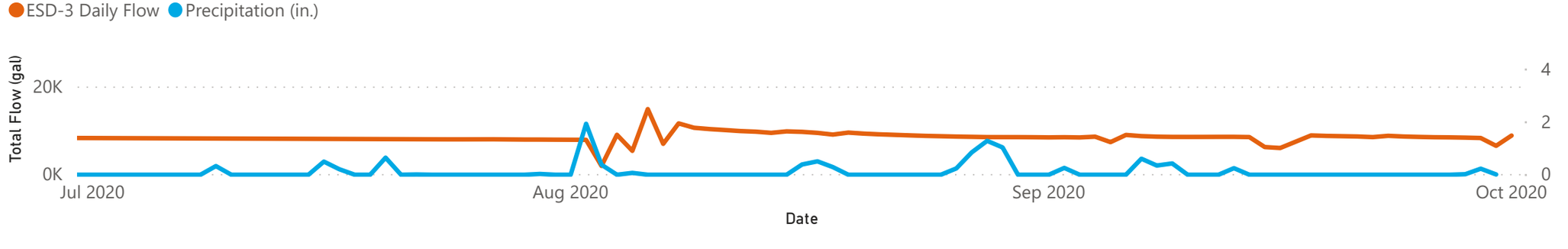
PERFORMANCE MONITORING WELLS - ESD-2

ARCADIS Design & Consultancy for natural and built assets

ESD-3

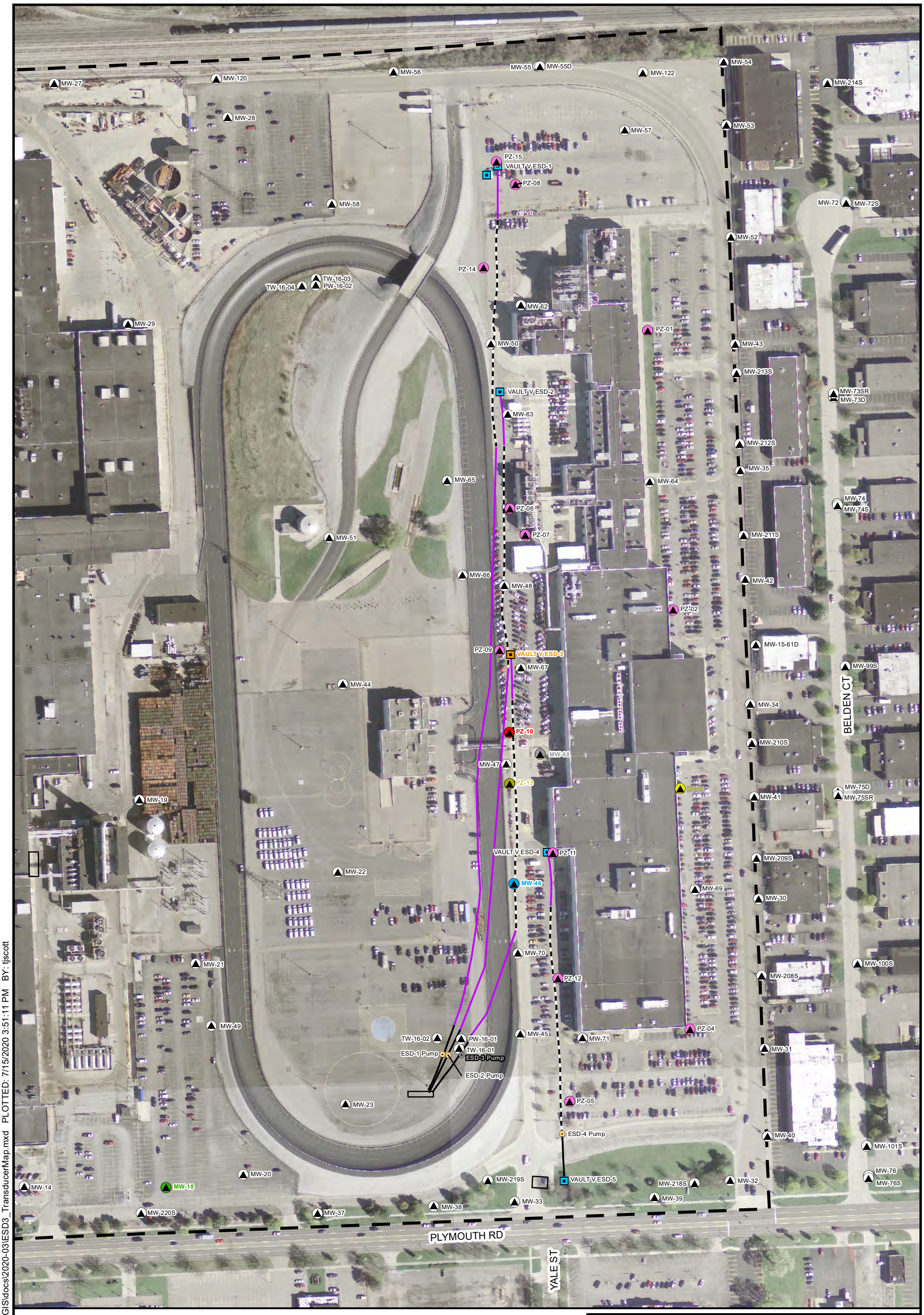


Transducer Download Dates
Tuesday, July 7, 2020
Monday, August 17, 2020
Thursday, October 1, 2020



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PN:30050315



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

NOTES:

1. SYMBOLOGY COLOR-CODING CORRESPONDS TO ASSOCIATED TRANSDUCER DATA. REFER TO ATTACHED GRAPH.

0 100 200

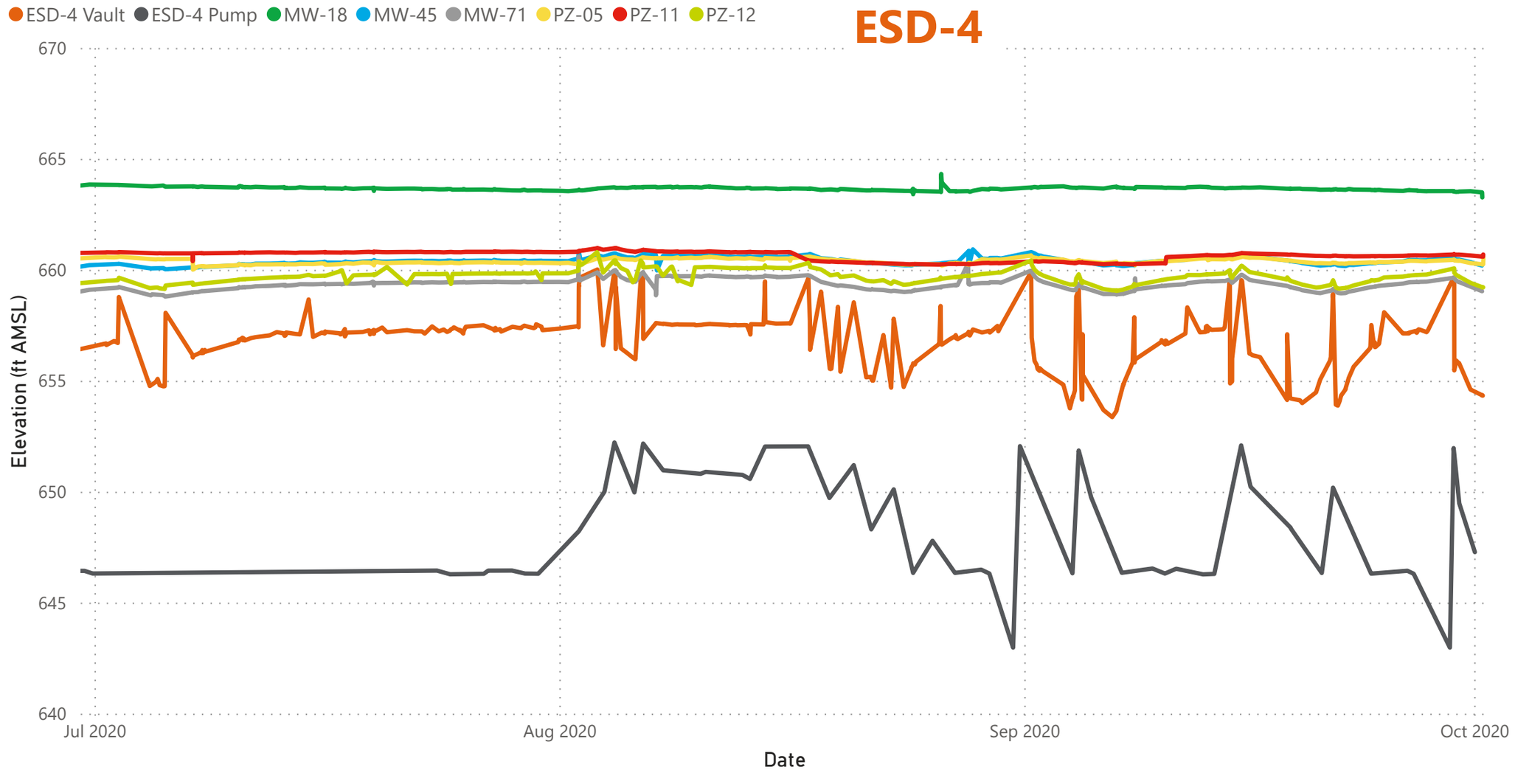
SCALE IN FEET
1 inch = 200 feet

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

PERFORMANCE MONITORING WELLS - ESD-3

ARCADIS Design & Consultancy for natural and built assets

ESD-4

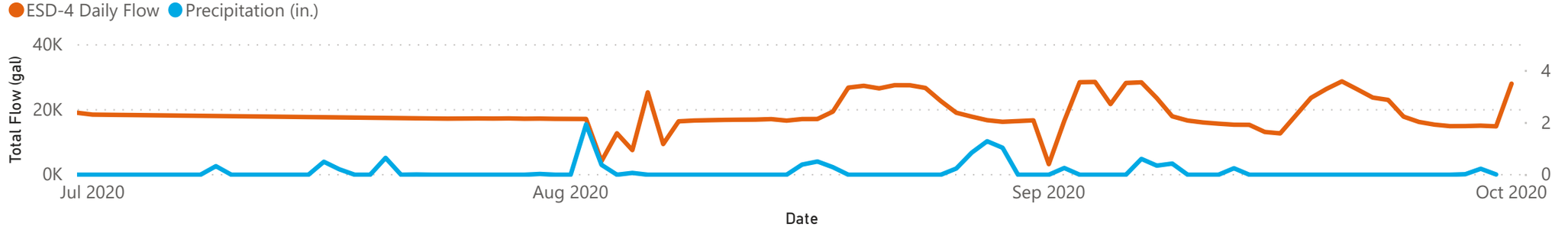


Transducer Download Date

Tuesday, July 7, 2020

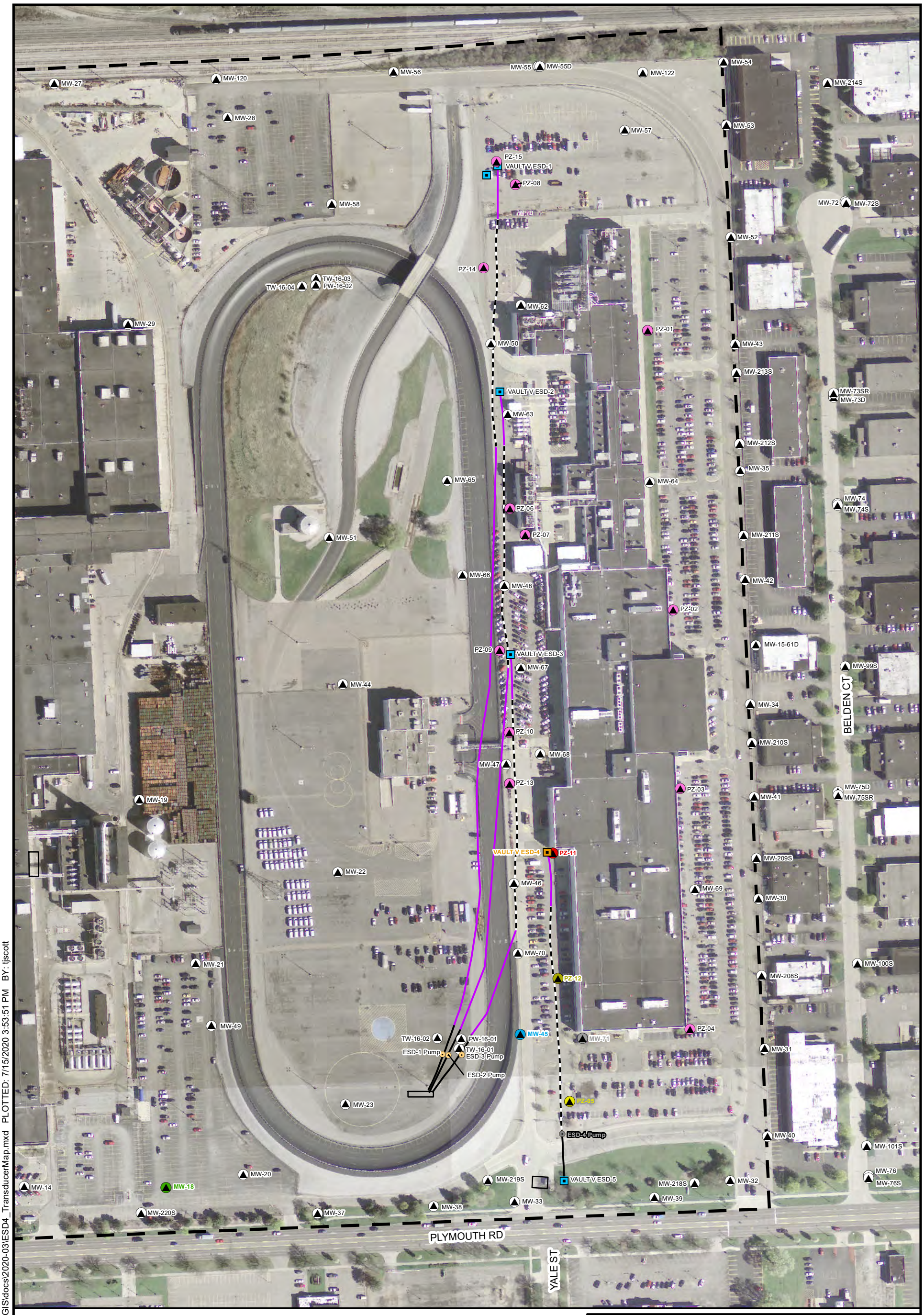
Monday, August 17, 2020

Thursday, October 1, 2020



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PN:30050315



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

NOTES:

1. SYMBOLOGY COLOR-CODING CORRESPONDS TO ASSOCIATED TRANSDUCER DATA. REFER TO ATTACHED GRAPH.

N

0 100 200

SCALE IN FEET
1 inch = 200 feet

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

PERFORMANCE MONITORING WELLS - ESD-4

ARCADIS Design & Consultancy for natural and built assets

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.

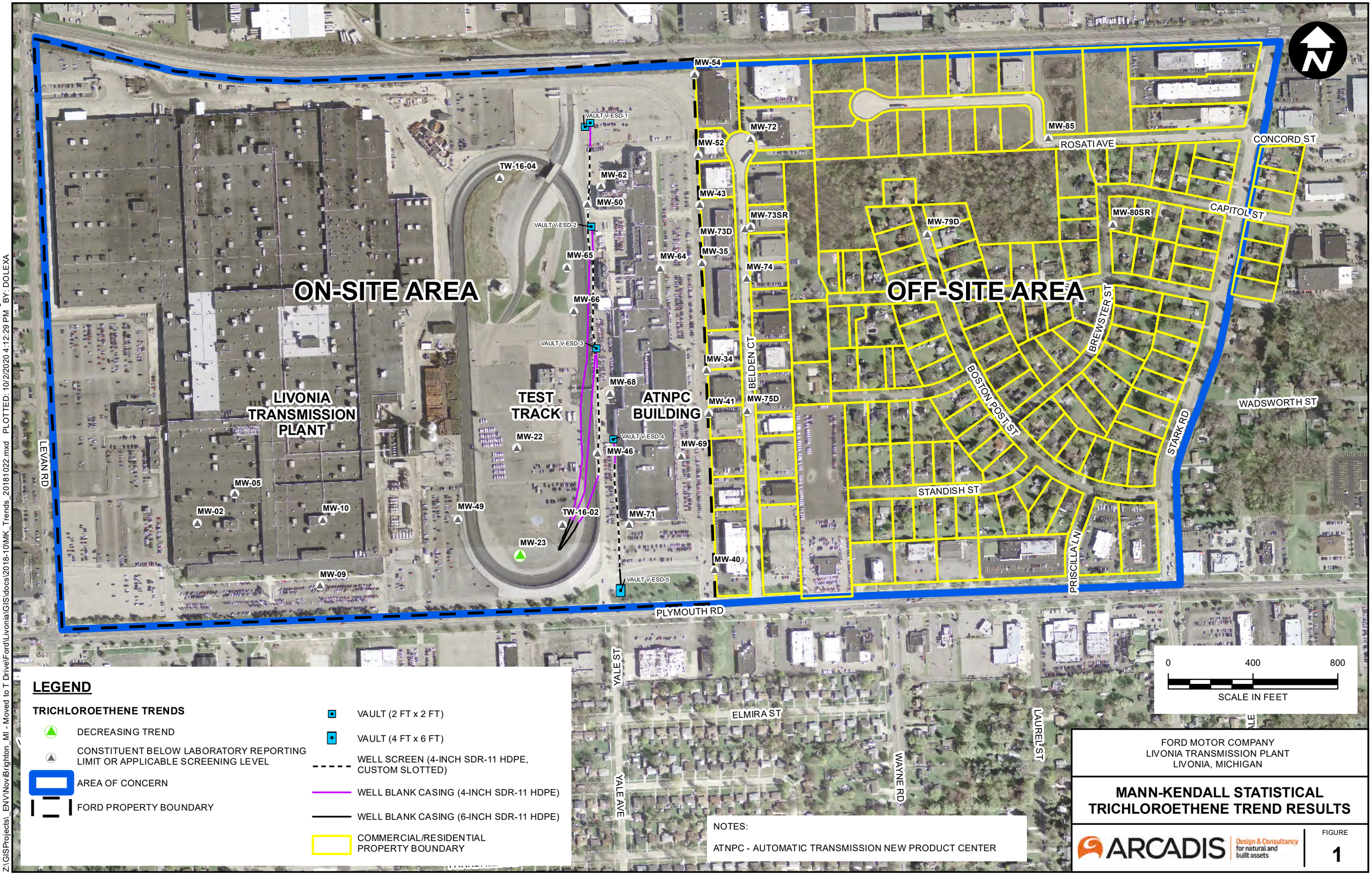
USEPA. 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities. Office of Resource Conservation and Recovery. Unified Guidance. EPA 530-R-09-007.

Summary Statistics and Mann-Kendall Results
Ford Motor Company, Livonia Transmission Plant
Livonia, Michigan

Monitoring Well	Constituent	Start Date	End Date	Minimum Concentration	Maximum Concentration	Most Recent Concentration	n	% detections	CV	S-Statistic	p-value	Trend Determination
MW-02	TCE	5/12/2016	8/19/2020	3.4 J	< 250	< 250	15	27	NA	NA	NA	NA
MW-02	Total DCE	5/12/2016	8/19/2020	550	5,080	5,080	15	100	0.5	89	< 0.01	Statistically Significant Increasing
MW-02	VC	5/12/2016	8/19/2020	140	280	200 J	15	100	0.2	1	0.50	Stable
MW-05	TCE	5/13/2016	8/19/2020	0.18 J	< 1.0	< 1.0	14	14	NA	NA	NA	NA
MW-05	Total DCE	5/13/2016	8/19/2020	0.39 J	< 1.0	< 1.0	14	14	NA	NA	NA	NA
MW-05	VC	5/13/2016	8/19/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-09	TCE	5/12/2016	8/14/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-09	Total DCE	5/12/2016	8/14/2020	0.29 J	< 1.0	< 1.0	13	8	NA	NA	NA	NA
MW-09	VC	5/12/2016	8/14/2020	0.20 J	7.6	0.95 J	13	100	0.9	NA	NA	Less than screening criteria
MW-10	TCE	5/13/2016	8/20/2020	< 10	< 330	< 330	15	7	NA	NA	NA	NA
MW-10	Total DCE	5/13/2016	8/20/2020	6.4 J	< 330	< 330	15	7	NA	NA	NA	NA
MW-10	VC	5/13/2016	8/20/2020	1,200	5,500	5,500	15	100	0.4	71	< 0.01	Statistically Significant Increasing
MW-22	TCE	5/10/2016	8/4/2020	0.25 J	< 200	< 67	15	7	NA	NA	NA	NA
MW-22	Total DCE	5/10/2016	8/4/2020	25	394	160	15	100	0.5	4	0.44	Variable
MW-22	VC	5/10/2016	8/4/2020	830	2,600	1,000	15	100	0.4	-20	0.17	Potentially Decreasing
MW-23	TCE	5/10/2016	8/4/2020	1,000	25,000	1,400	13	100	0.9	-26	0.06	Statistically Significant Decreasing
MW-23	Total DCE	5/10/2016	8/4/2020	2,580	82,100	11,420	13	100	0.8	-24	0.08	Statistically Significant Decreasing
MW-23	VC	5/10/2016	8/4/2020	77 J	2,400	220 J	13	85	0.7	-28	0.05	Statistically Significant Decreasing
MW-34	TCE	5/10/2016	8/15/2020	< 1.0	< 1.0	< 1.0	15	0	NA	NA	NA	NA
MW-34	Total DCE	5/10/2016	8/15/2020	0.29 J	< 1.0	0.62 J	15	67	0.3	NA	NA	Less than screening criteria
MW-34	VC	5/10/2016	8/15/2020	0.52 J	2.2	1.4	15	100	0.5	12	0.29	Stable
MW-35	TCE	5/10/2016	8/15/2020	0.11 J	< 1.0	< 1.0	14	7	NA	NA	NA	NA
MW-35	Total DCE	5/10/2016	8/15/2020	0.19 J	< 1.0	< 1.0	14	7	NA	NA	NA	NA
MW-35	VC	5/10/2016	8/15/2020	1.8	9.1	4.9	14	100	0.5	11	0.29	Stable to Increasing
MW-40	TCE	5/10/2016	8/15/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-40	Total DCE	5/10/2016	8/15/2020	2.6	4.2	3.8	12	100	0.2	NA	NA	Less than screening criteria
MW-40	VC	5/10/2016	8/15/2020	0.26 J	1.8	0.52 J	12	92	0.6	NA	NA	Less than screening criteria
MW-41	TCE	5/11/2016	8/15/2020	< 1.0	< 1.0	< 1.0	15	0	NA	NA	NA	NA
MW-41	Total DCE	5/11/2016	8/15/2020	0.77 J	3.5	1.4	15	100	0.3	NA	NA	Less than screening criteria
MW-41	VC	5/11/2016	8/15/2020	1.5	5.3	2.3	15	100	0.4	-22	0.15	Potentially Decreasing
MW-43	TCE	5/11/2016	8/22/2020	< 1.0	< 5.0	< 5.0	15	0	NA	NA	NA	NA
MW-43	Total DCE	5/11/2016	8/22/2020	< 1.0	< 5.0	< 5.0	15	0	NA	NA	NA	NA
MW-43	VC	5/11/2016	8/22/2020	0.28 J	17	< 5.0	15	80	1.1	NA	NA	Less than screening criteria
MW-46	TCE	5/12/2016	8/10/2020	< 1.0	< 5.0	< 1.0	15	0	NA	NA	NA	NA
MW-46	Total DCE	5/12/2016	8/10/2020	1.6 J	26	7.4	15	100	0.7	NA	NA	Less than screening criteria
MW-46	VC	5/12/2016	8/10/2020	13	150	40	15	100	0.7	-19	0.19	Potentially Decreasing
MW-49	TCE	5/12/2016	8/5/2020	< 50	< 2,500	< 1,000	14	0	NA	NA	NA	NA
MW-49	Total DCE	5/12/2016	8/5/2020	13,000	43,000	13,000	14	100	0.4	-20	0.15	Potentially Decreasing
MW-49	VC	5/12/2016	8/5/2020	3,700	15,000	3,700	14	100	0.3	-25	0.09	Statistically Significant Decreasing
MW-50	TCE	5/11/2016	8/6/2020	< 1.0	< 10	< 10	15	0	NA	NA	NA	NA
MW-50	Total DCE	5/11/2016	8/6/2020	5.2	23	18	15	100	0.4	NA	NA	Less than screening criteria
MW-50	VC	5/11/2016	8/6/2020	48	240	240	15	100	0.4	42	0.02	Statistically Significant Increasing
MW-52	TCE	5/11/2016	8/22/2020	< 1.0	< 5.0	< 5.0	14	0	NA	NA	NA	NA
MW-52	Total DCE	5/11/2016	8/22/2020	< 1.0	< 5.0	< 5.0	14	0	NA	NA	NA	NA
MW-52	VC	5/11/2016	8/22/2020	3.0 J	9.1	3.0 J	14	100	0.3	-35	0.03	Statistically Significant Decreasing
MW-54	TCE	7/27/2017	8/11/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-54	Total DCE	7/27/2017	8/11/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-54	VC	7/27/2017	8/11/2020	0.34 J	1.5	1.1	12	100	0.3	-1	0.50	Stable
MW-62	TCE	4/21/2017	8/6/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-62	Total DCE	4/21/2017	8/6/2020	0.23 J	1.6	< 1.0	14	50	0.9	NA	NA	Less than screening criteria
MW-62	VC	4/21/2017	8/6/2020	0.62 J	1.5	0.98 J	14	93	0.3	-5	0.41	Stable
MW-64	TCE	4/24/2017	8/5/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-64	Total DCE	4/24/2017	8/5/2020	0.18 J	0.37 J	< 1.0	14	71	0.2	NA	NA	Less than screening criteria
MW-64	VC	4/24/2017	8/5/2020	0.69 J	9.9	3.4	14	100	0.7	-11	0.29	Variable
MW-65	TCE	4/25/2017	8/3/2020	< 1.0	< 4.0	< 1.0	14	0	NA	NA	NA	NA
MW-65	Total DCE	4/25/2017	8/3/2020	3.3	7.0	6.1	14	100	0.2	NA	NA	Less than screening criteria
MW-65	VC	4/25/2017	8/3/2020	20	61	20	14	100	0.3	-57	< 0.01	Statistically Significant Decreasing
MW-66	TCE	4/25/2017	8/3/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-66	Total DCE	4/25/2017	8/3/2020	0.19 J	< 1.0	< 1.0	14	7	NA	NA	NA	NA
MW-66	VC	4/25/2017	8/3/2020	0.81 J	5.6	3.5	14	93	0.5	-22	0.12	Potentially Decreasing
MW-68	TCE	4/24/2017	8/10/2020	0.26 J	< 1.0	< 1.0	14	21	NA	NA	NA	NA
MW-68	Total DCE	4/24/2017	8/10/2020	11	45	43	14	100	0.4	NA	NA	Less than screening criteria
MW-68	VC	4/24/2017	8/10/2020	2.1	19	5.0	14	100	0.7	11	0.29	Variable
MW-69	TCE	4/25/2017	8/5/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-69	Total DCE	4/25/2017	8/5/2020	0.19 J	< 1.0	< 1.0	13	46	0.2	NA	NA	NA
MW-69	VC	4/25/2017	8/5/2020	< 1.0	5.0	3.2	13	85	0.3	36	0.02	Statistically Significant Increasing
MW-71	TCE	4/24/2017	8/7/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-71	Total DCE	4/24/2017	8/7/2020	0.30 J	0.61 J	< 1.0	14	79	0.2	NA	NA	Less than screening criteria
MW-71	VC	4/24/2017	8/7/2020	0.29 J	0.83 J	< 1.0	14	79	0.4	NA	NA	Less than screening criteria
MW-72	TCE	5/22/2017	8/12/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-72	Total DCE	7/26/2017	8/12/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-72	VC	5/22/2017	8/12/2020	1.1	3.9	1.8	14	100	0.4	1	0.50	Stable
MW-73D	TCE	5/22/2017	8/12/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-73D	Total DCE	7/26/2017	8/12/2020	0.19 J	< 1.0	< 1.0	13	46	0.3	NA	NA	Less than screening criteria
MW-73D	VC	5/22/2017	8/12/2020	0.28 J	1.3	< 1.0	14	64	0.4	NA	NA	Less than screening criteria
MW-73SR	TCE	12/17/2018	8/12/2020	0.15 J	< 1.0	< 1.0	8	50	0.3	NA	NA	Less than screening criteria
MW-73SR	Total DCE	12/17/2018	8/12/2020	1.3	3.4	1.3	8	100	0.3	NA	NA	Less than screening criteria
MW-73SR	VC	12/17/2018	8/12/2020	0.62 J	1.7	< 1.0	9	75	0.2	-13	0.07	Statistically Significant Decreasing
MW-74	TCE	5/23/2017	8/12/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-74	Total DCE	7/26/2017	8/12/2020	0.41 J	1.7	0.6	13	85	0.5	NA	NA	Less than screening criteria
MW-74	VC	5/23/2017	8/12/2020	0.70 J	2.9	2.9	14	79	0.4	-13	0.25	Stable to Decreasing
MW-75D	TCE	5/23/2017	8/11/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-75D	Total DCE	7/26/2017	8/11/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-75D	VC	5/23/2017	8/11/2020	1.0	6.4	2.2	14	100	0.6	-52	< 0.01	Statistically Significant Decreasing
MW-79D	TCE	5/24/2017	8/6/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-79D	Total DCE	7/25/2017	8/6/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-79D	VC	5/24/2017	8/6/2020	1.3	4.1	1.4	14	100	0.4	-46	< 0.01	Statistically Significant Decreasing
MW-80SR	TCE	12/27/2018	8/4/2020	< 1.0	< 1.0	< 1.0	8	0	NA	NA	NA	NA
MW-80SR	Total DCE	12/27/2018	8/4/2020	0.18 J	< 1.0	< 1.0	8	13	NA	NA	NA	NA
MW-80SR	VC	12/27/2018	8/4/2020	1.4	4.3	4.3	8	100	0.4	14	0.05	Statistically Significant Increasing
MW-85	TCE	5/25/2017	8/14/2020	< 1.0	< 1.0	< 1.0	14	0	NA	NA	NA	NA
MW-85	Total DCE	7/25/2017	8/14/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-85	VC	5/25/2017	8/14/2020	3.9	8.6	5.4	14	100	0.2	-64	< 0.01	Statistically Significant Decreasing
TW-16-02	TCE	4/25/2017	8/18/2020	< 20	< 1,000	< 330	13	0	NA	NA	NA	NA
TW-16-02	Total DCE	4/25/2017	8/18/2020	170	7,830	720	13	100	0.6	-28	0.05	Statistically Significant Decreasing
TW-16-02	VC	4/25/2017	8/18/2020	420	15,000	3,700	13	100	0.6	-51	< 0.01	Statistically Significant Decreasing
TW-16-04	TCE	4/25/2017	8/18/2020	< 1.0	< 6.7	< 2.5	13	0	NA	NA	NA	NA
TW-16-04	Total DCE	4/25/2017	8/18/2020	12	25	14	13	100	0.2	NA	NA	Less than screening criteria
TW-16-04	VC	4/25/2017	8/18/2020	20	150	20	13	100	0.5	-69	< 0.01	Statistically Significant Decreasing

Notes:
< = less than the posted reporting limit
% = percent
CV = coefficient of variation; low values indicate stable concentrations. Values near or greater than 1 suggest variability and/or a temporal trend.
DCE = dichloroethene
n = number of samples included in analysis
NA = not applicable due to elevated proportion of non-detect concentrations
p-value: values less than 0.1 indicate a statistically significant trend at 90% confidence.
S-Statistic: positive values suggest increasing trend, negative values suggest decreasing trend, values near zero indicate stability or variability.
TCE = trichloroethene
VC = vinyl chloride
1. All concentrations are micrograms per liter
2. Total DCE = sum of cis-1,2-DCE, trans-1,2-DCE, and 1,1-DCE. Non-detect concentrations taken as zero.

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

TRICHLOROETHENE TRENDS

- DECREASING 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

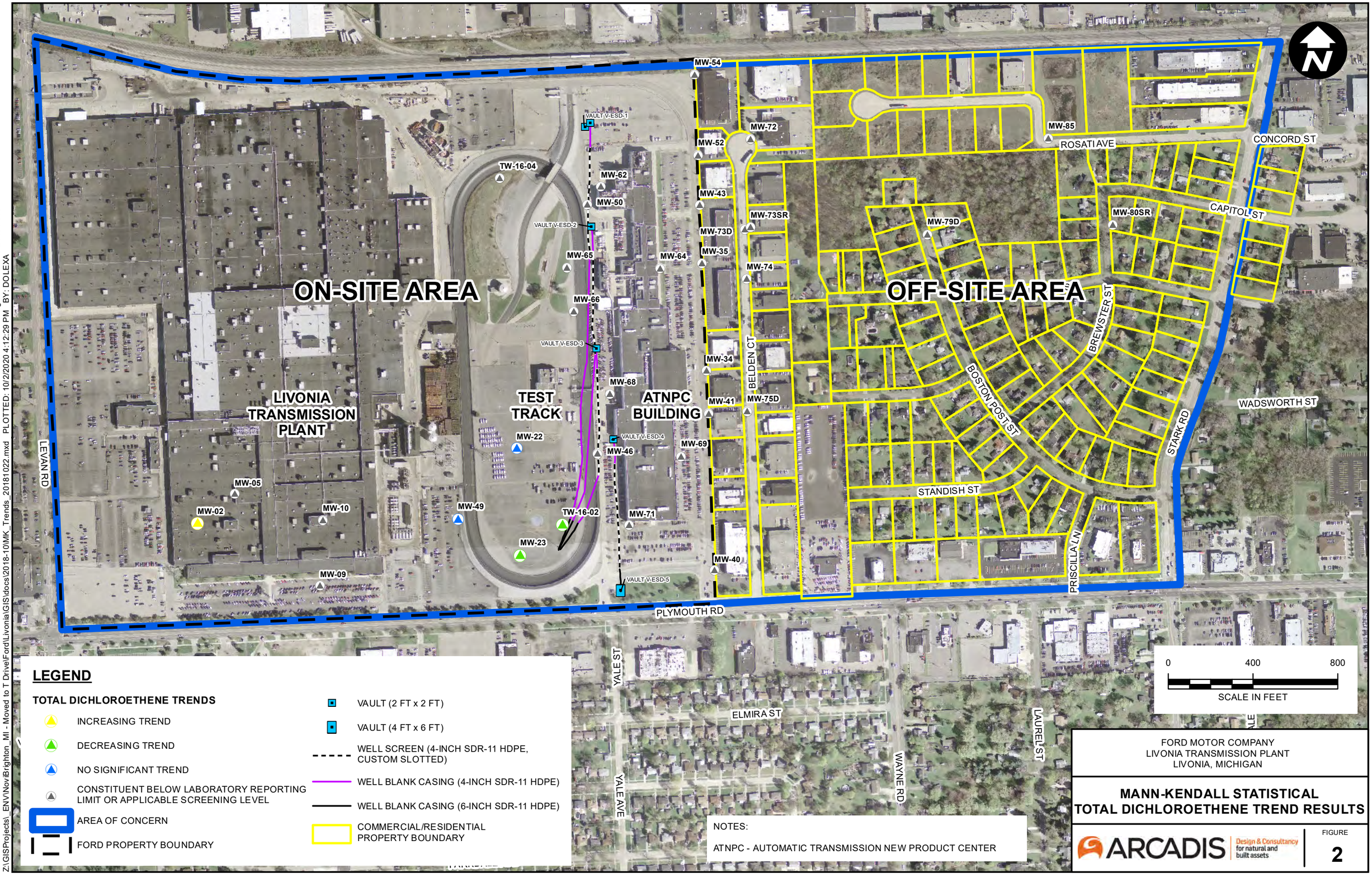
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

MANN-KENDALL STATISTICAL TRICHLOROETHENE TREND RESULTS

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1

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

TOTAL DICHLOROETHENE TRENDS

- INCREASING TREND
- DECREASING 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

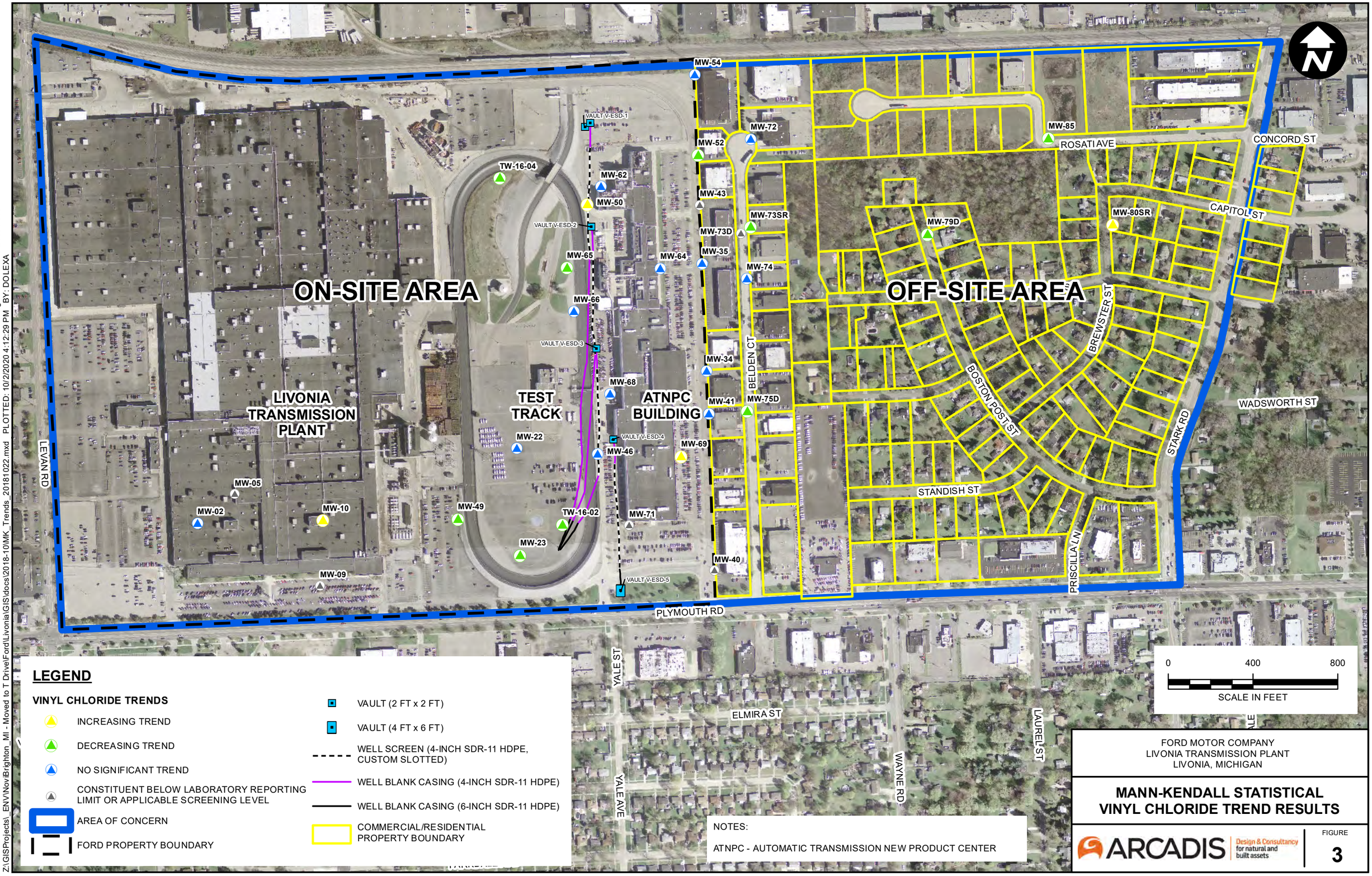
FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

MANN-KENDALL STATISTICAL TOTAL DICHLOROETHENE TREND RESULTS

ARCADIS Design & Consultancy for natural and built assets

FIGURE 2

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

VINYL CHLORIDE TRENDS

- INCREASING TREND
- DECREASING 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:

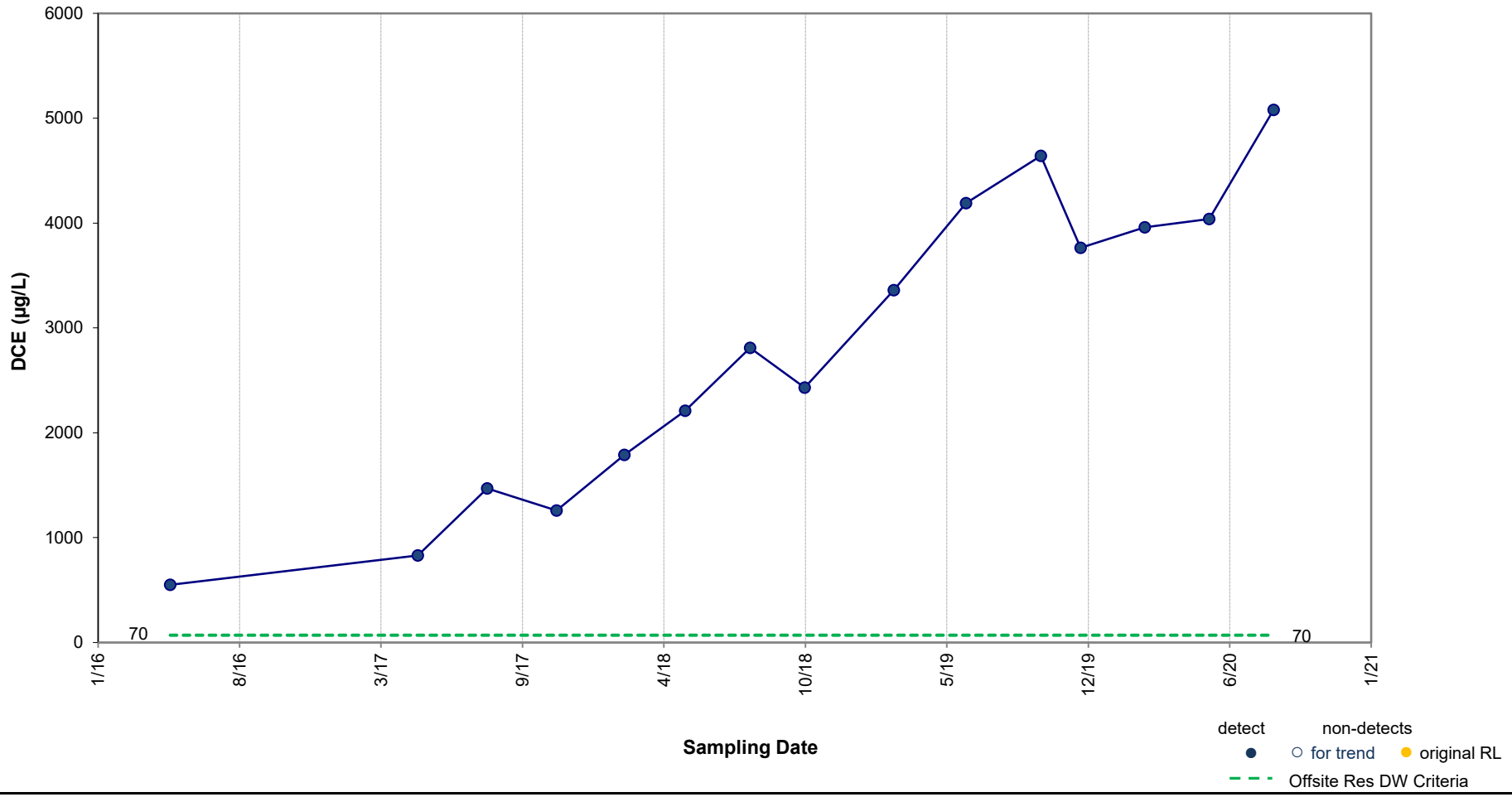
ATNPC - AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

MANN-KENDALL STATISTICAL VINYL CHLORIDE TREND RESULTS

ARCADIS Design & Consultancy for natural and built assets

FIGURE 3



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

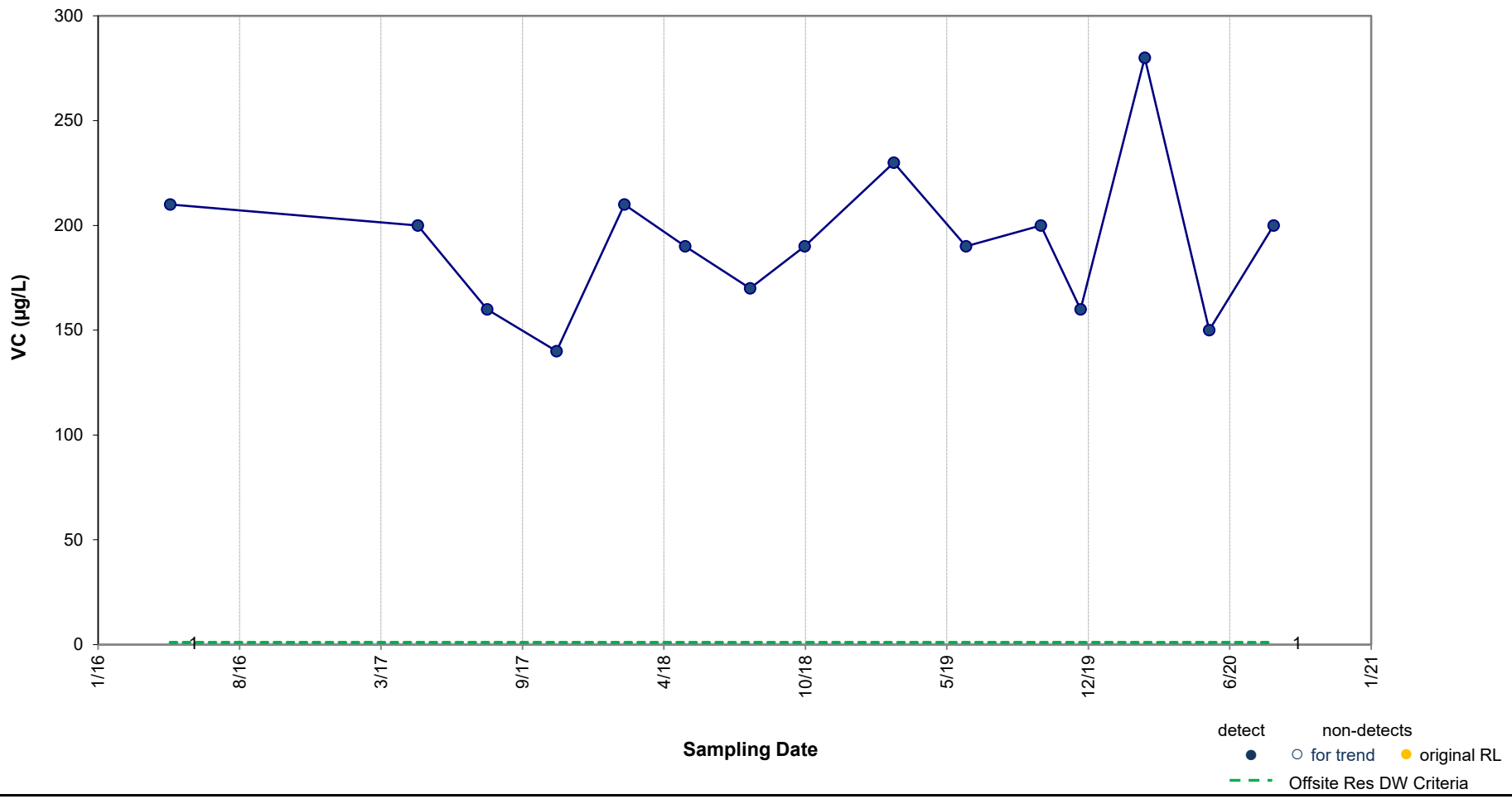
p value = <0.01 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – DCE in MW-2

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 4



Results of Mann-Kendall Test for Trend: **No Significant Trend**

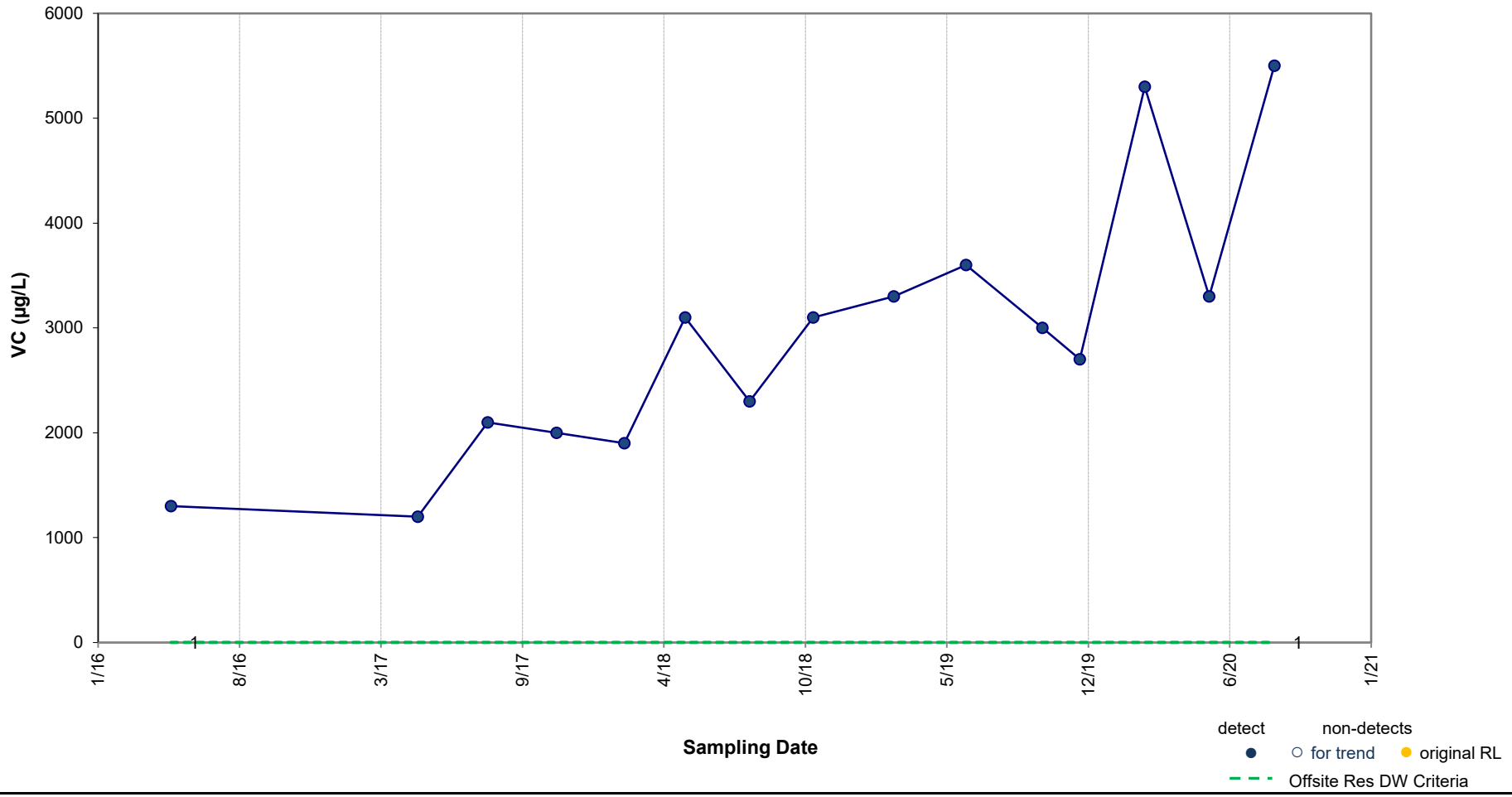
p value = 0.50 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-2

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 5



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

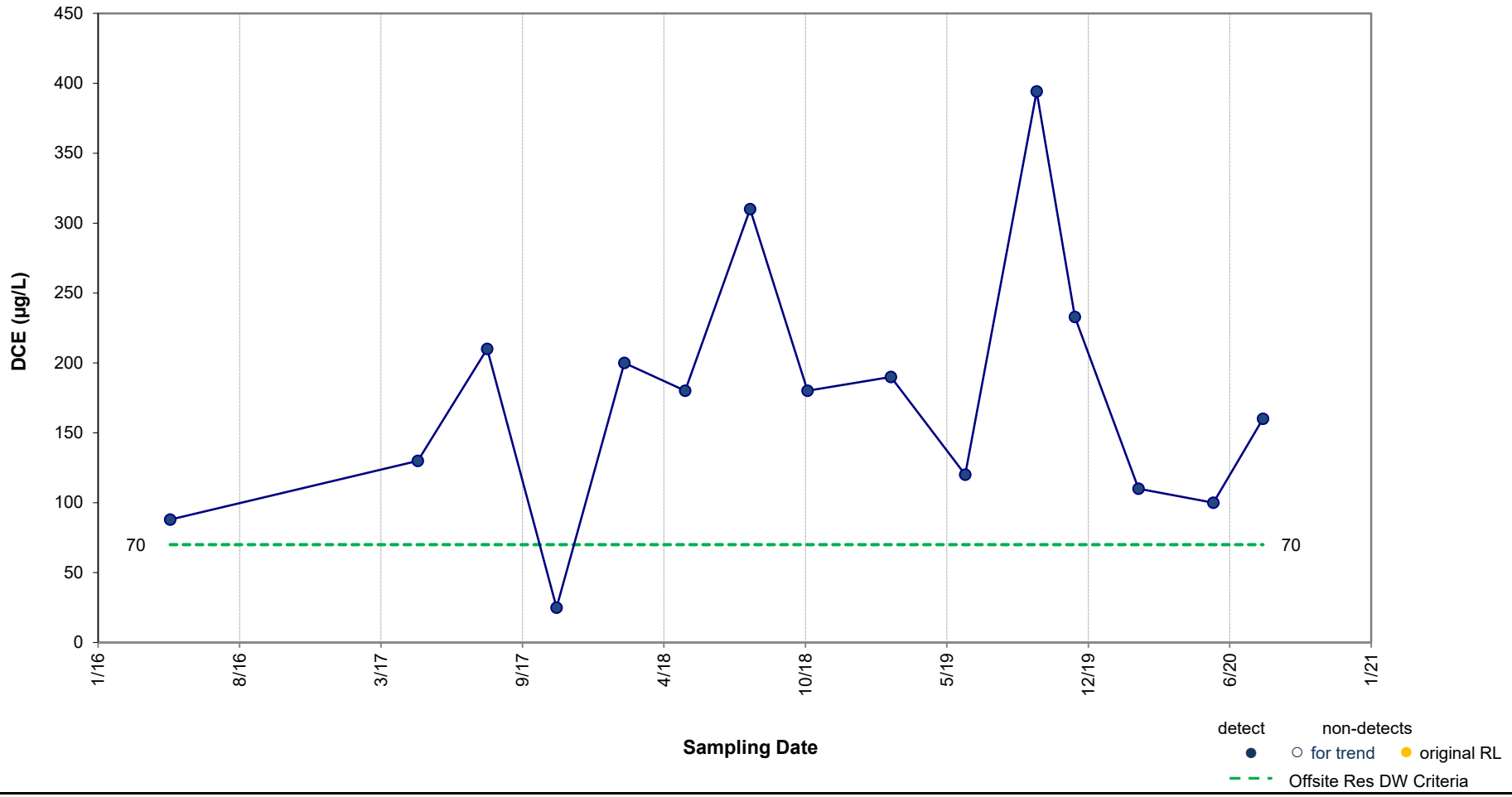
p value = <0.01 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-10

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 6



Results of Mann-Kendall Test for Trend: **No Significant Trend**

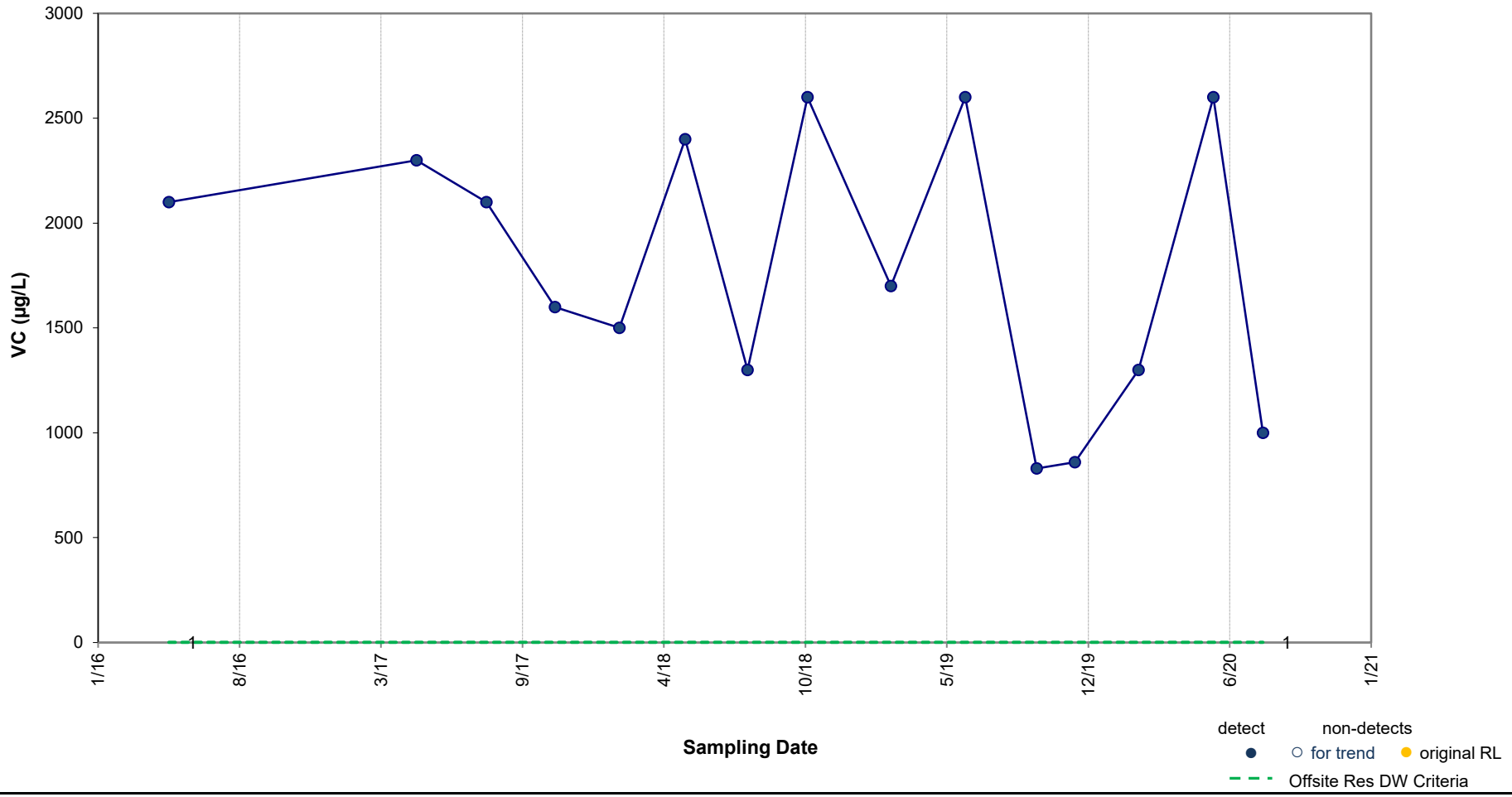
p value = 0.44 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – DCE in MW-22

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 7



Results of Mann-Kendall Test for Trend: **No Significant Trend**

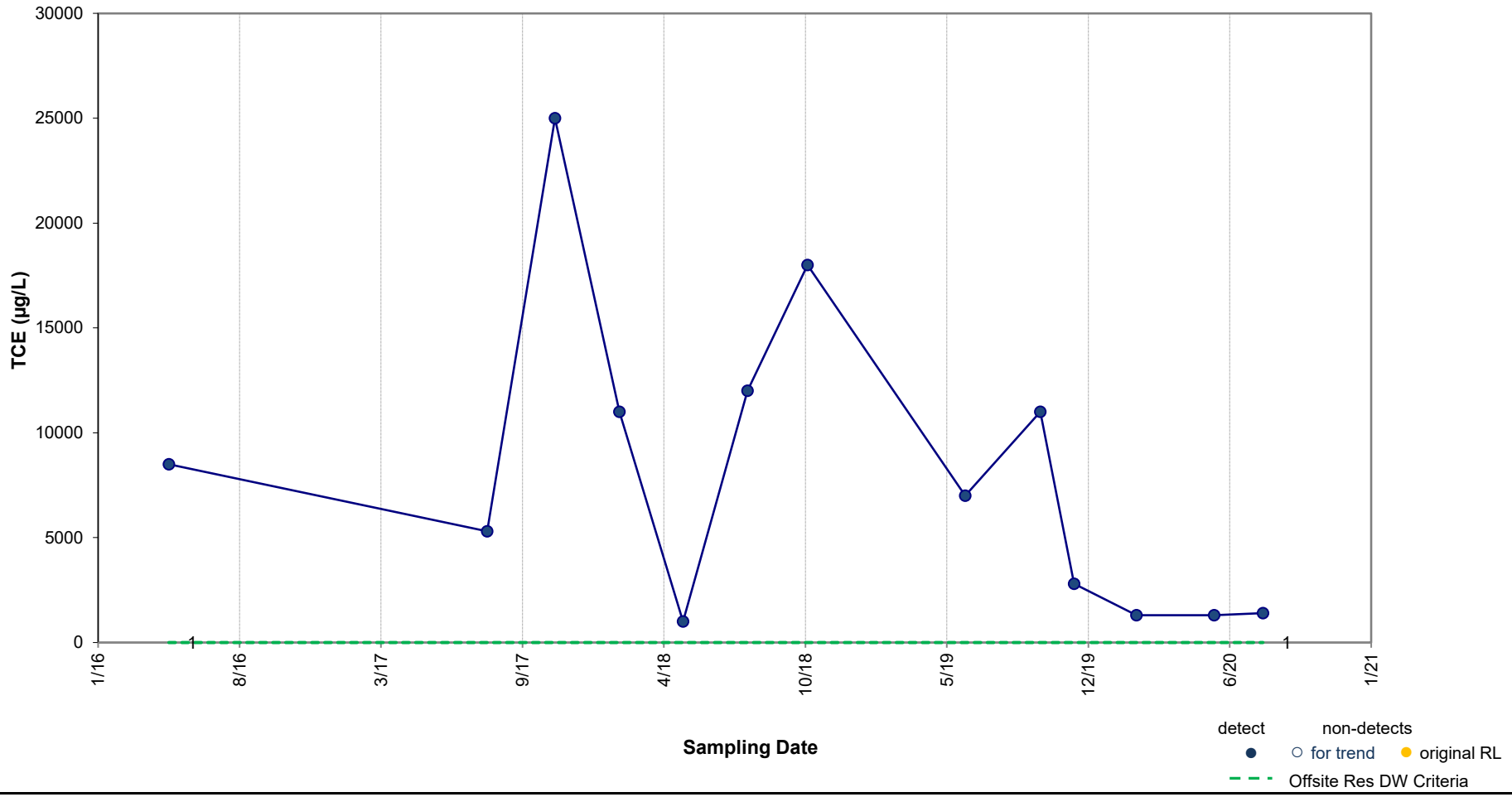
p value = 0.17 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-22

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 8



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

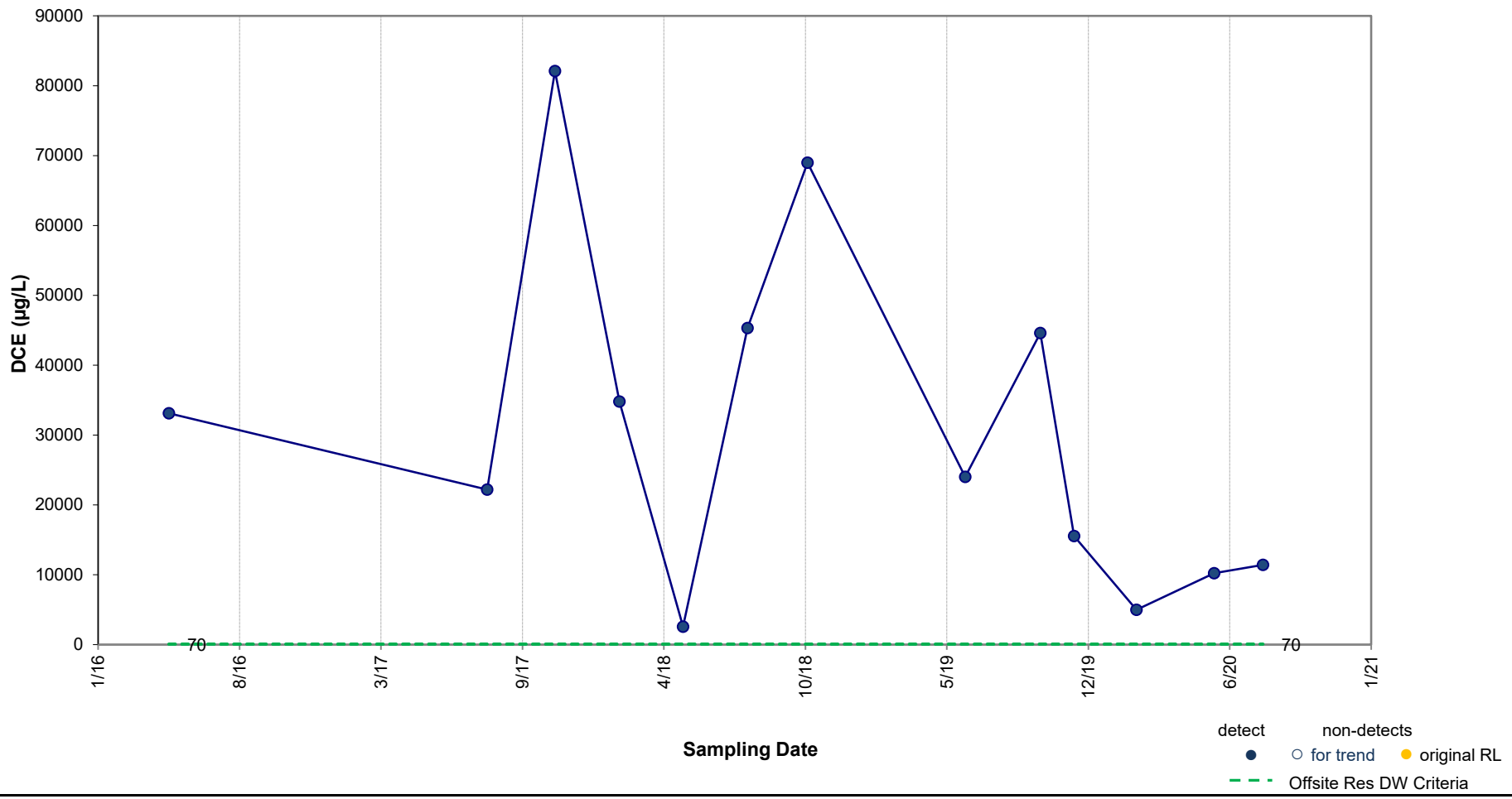
p value = 0.06 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – TCE in MW-23

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 9



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

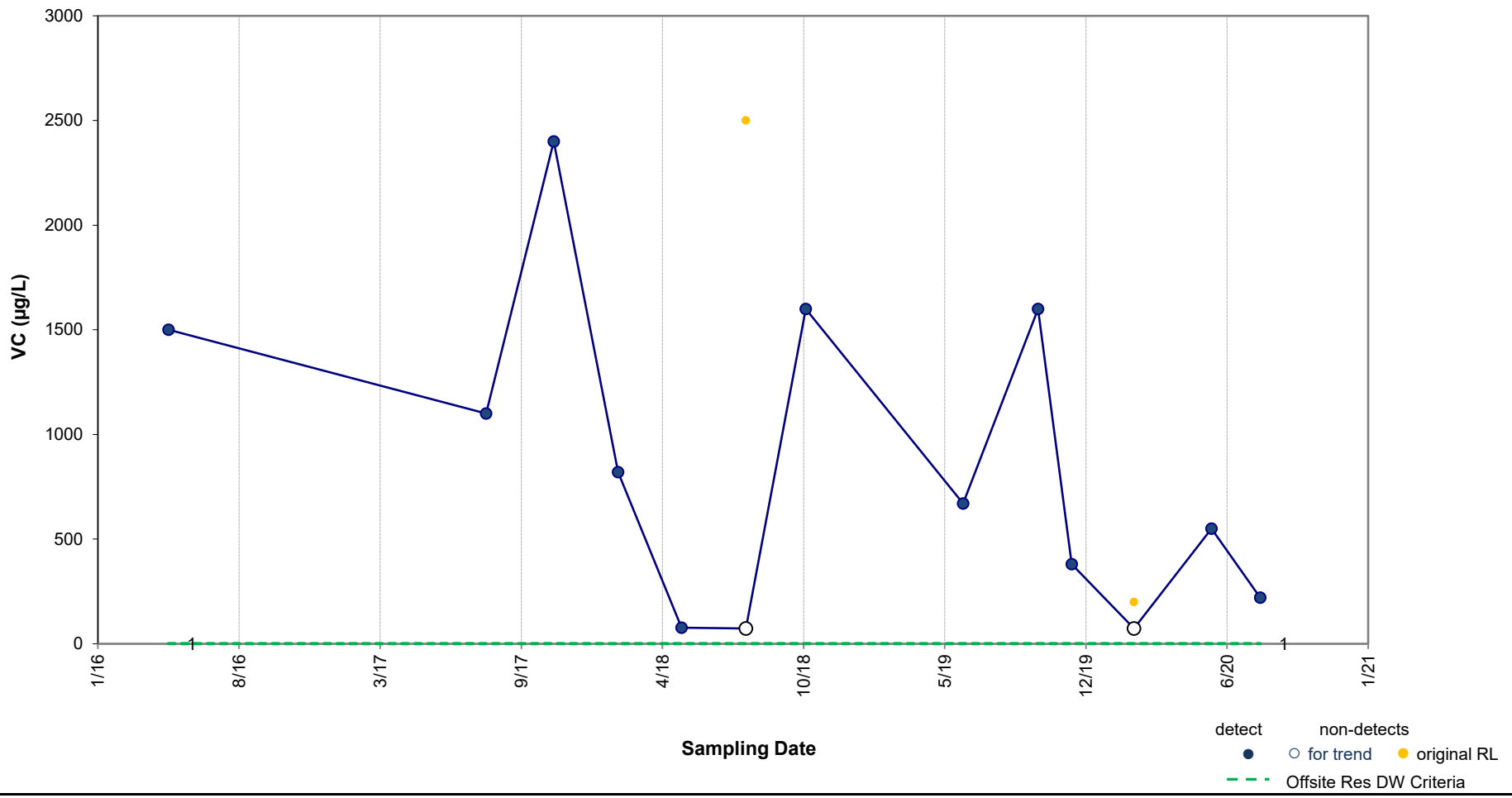
p value = 0.08 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – DCE in MW-23

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 10



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

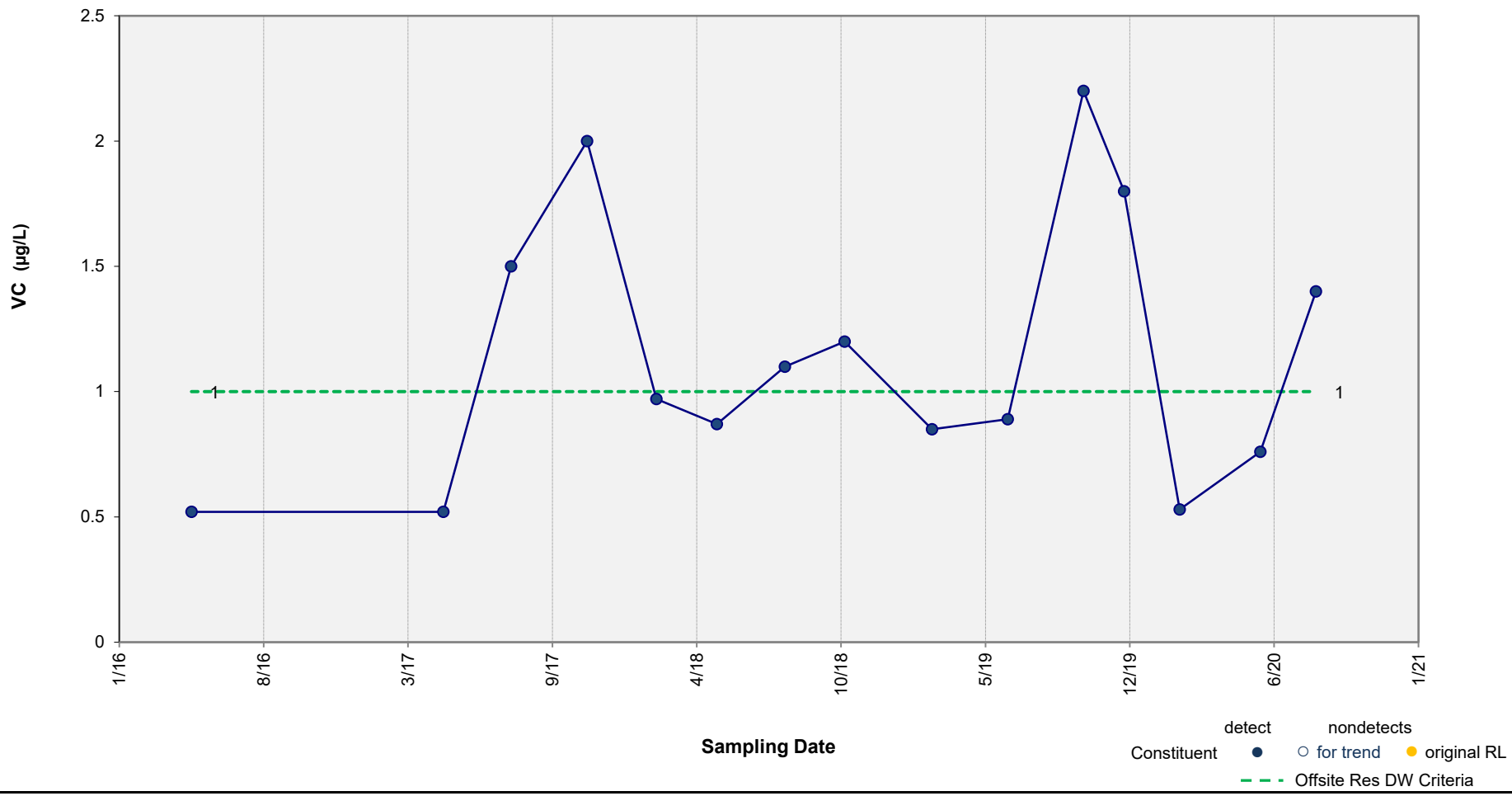
p value = 0.05 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-23

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 11



Results of Mann-Kendall Test for Trend: **No Significant Trend**

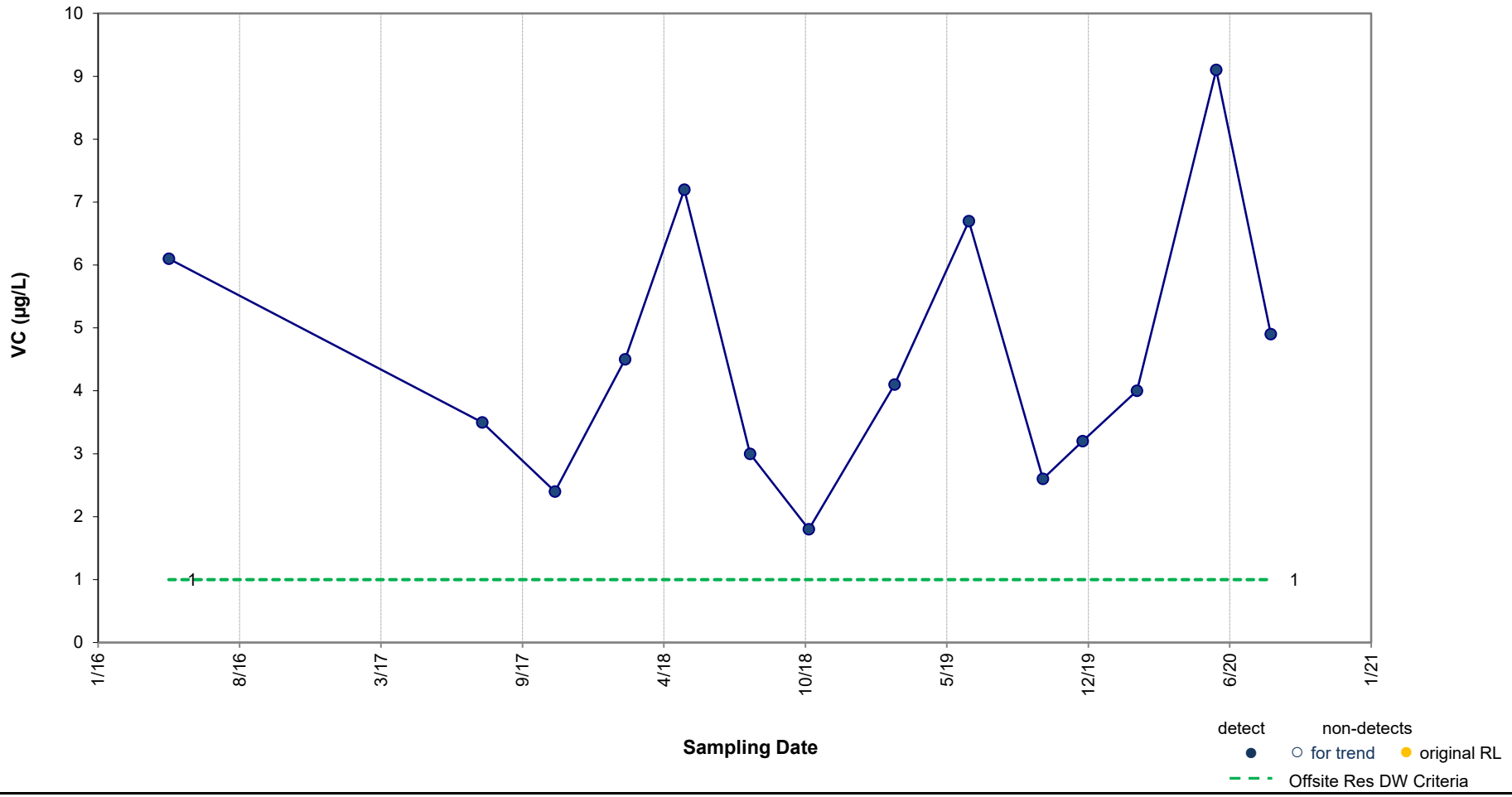
p value = 0.29 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-34

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 12



Results of Mann-Kendall Test for Trend: **No Significant Trend**

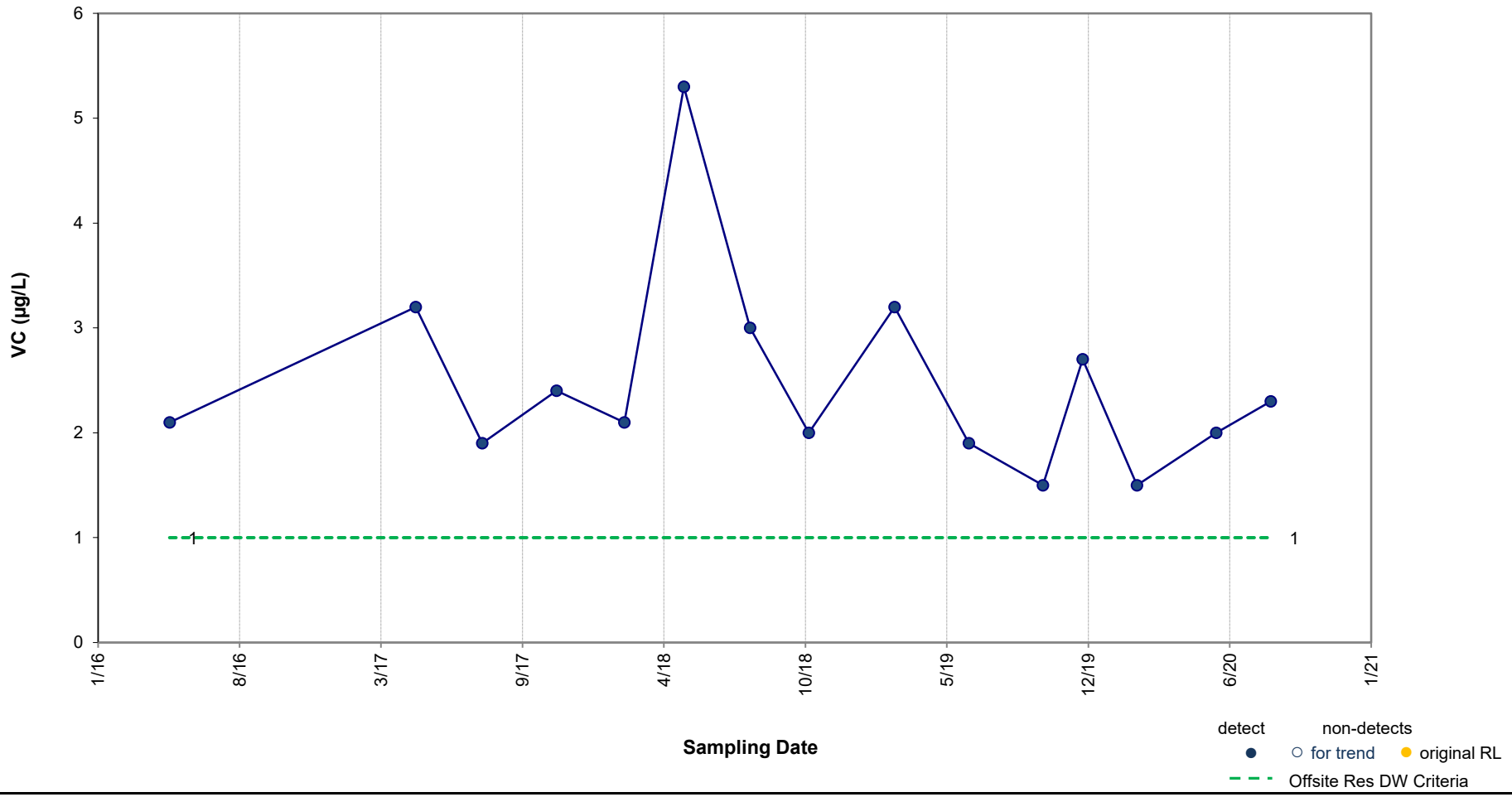
p value = 0.29 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-35

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 13



Results of Mann-Kendall Test for Trend: **No Significant Trend**

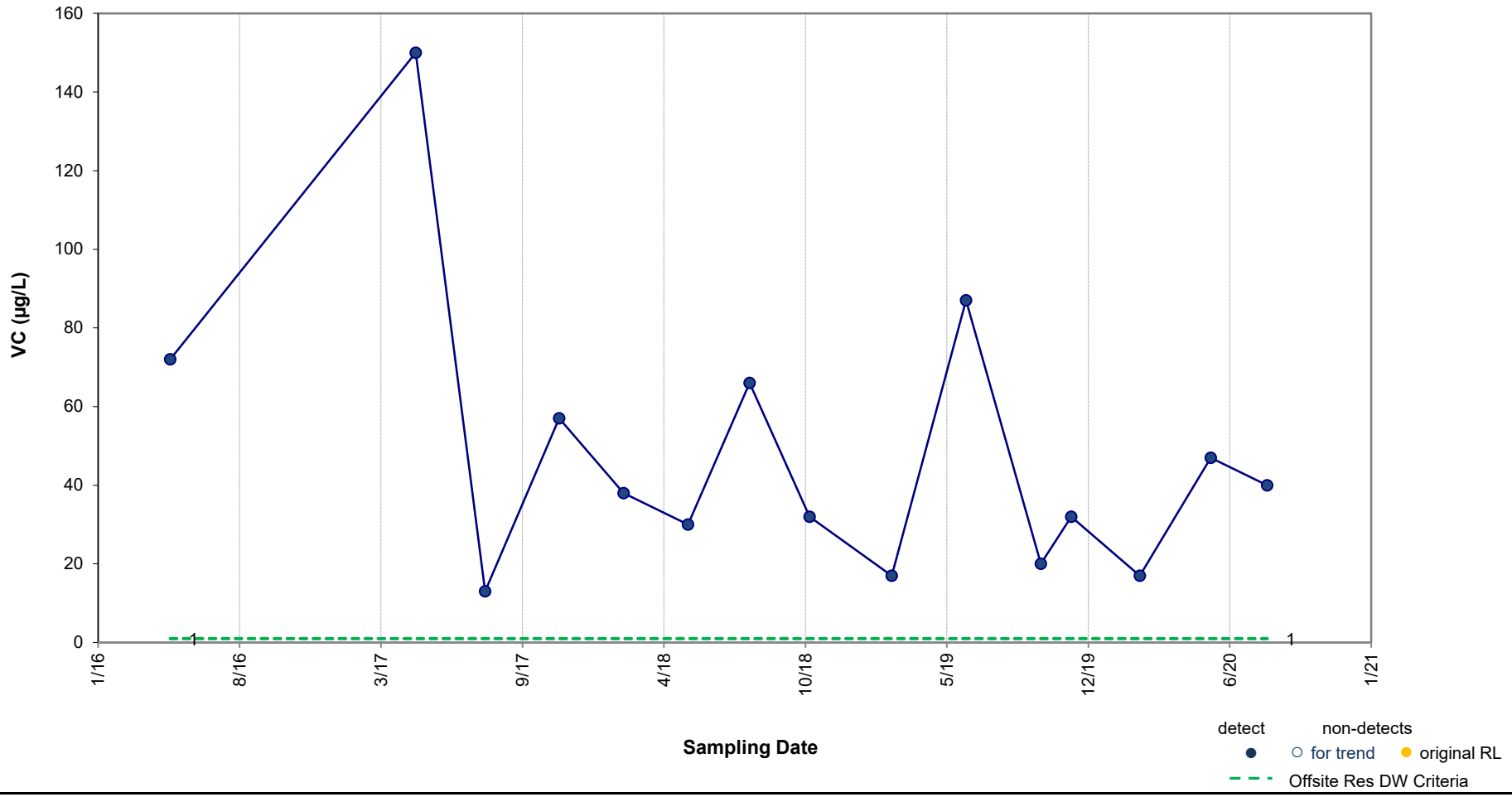
p value = 0.15 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-41

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 14



Results of Mann-Kendall Test for Trend: **No Significant Trend**

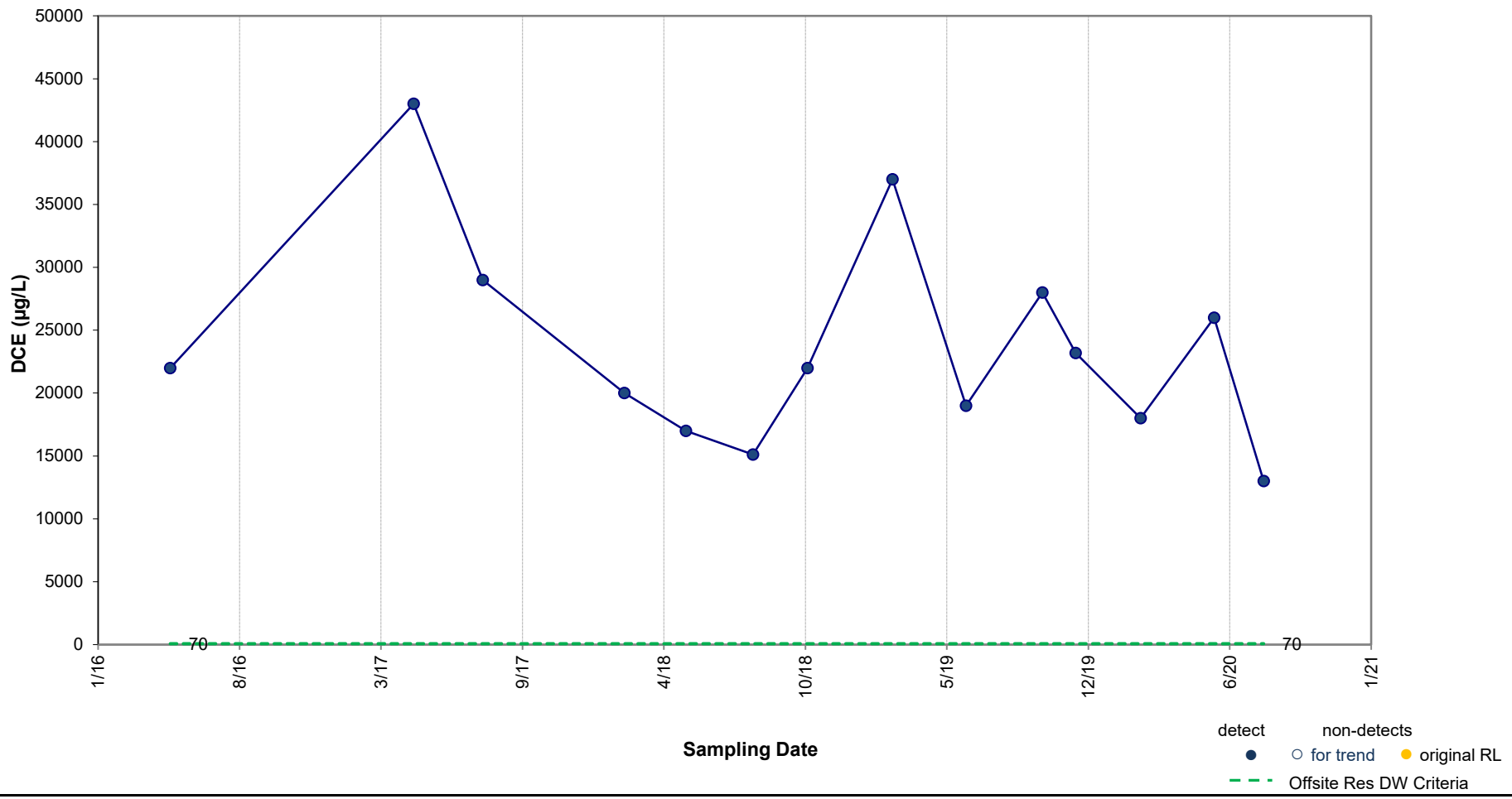
p value = 0.19 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-46

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 15



Results of Mann-Kendall Test for Trend: **No Significant Trend**

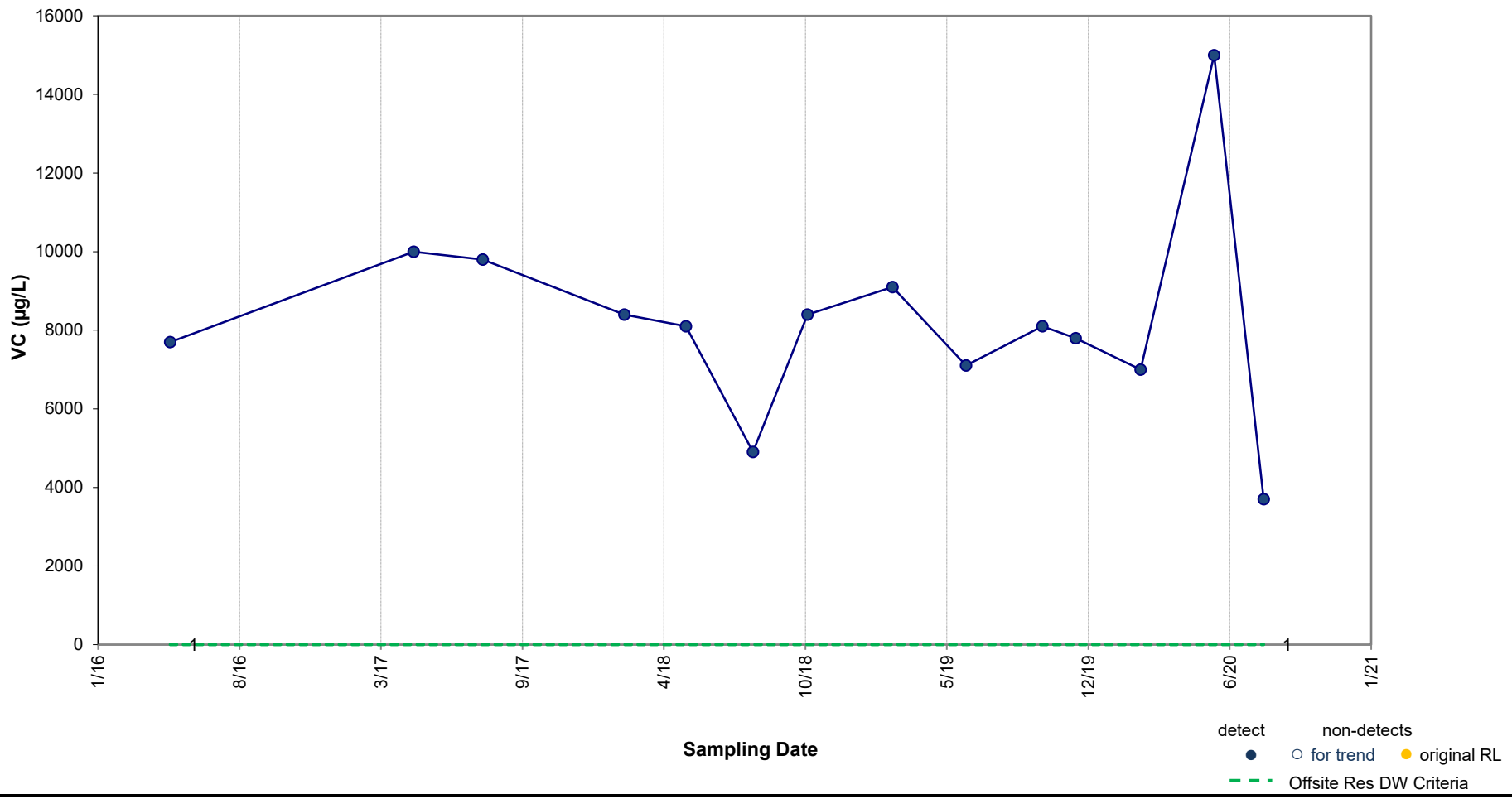
p value = 0.15 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – DCE in MW-49

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 16



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

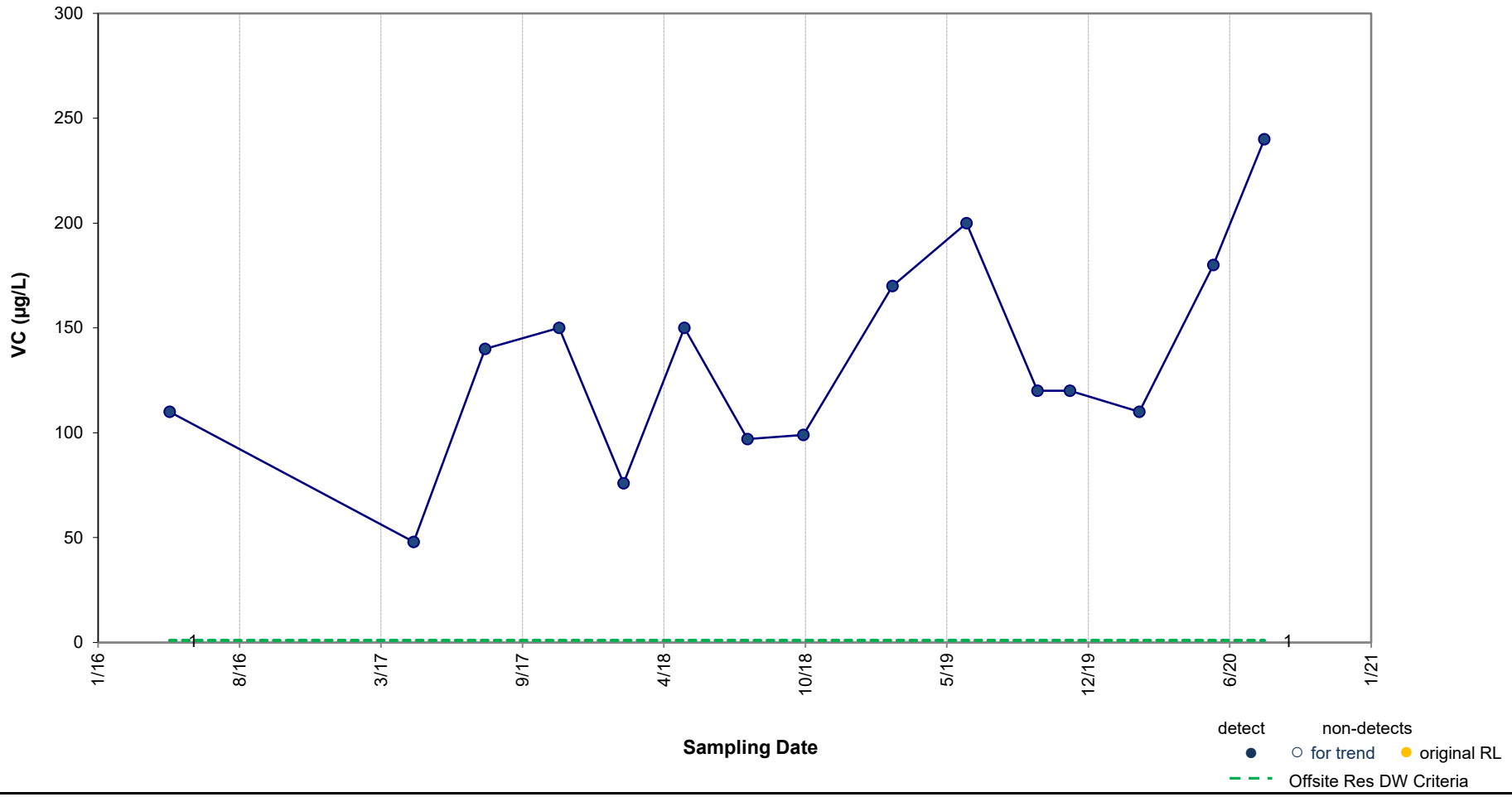
p value = 0.09 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-49

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 17



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

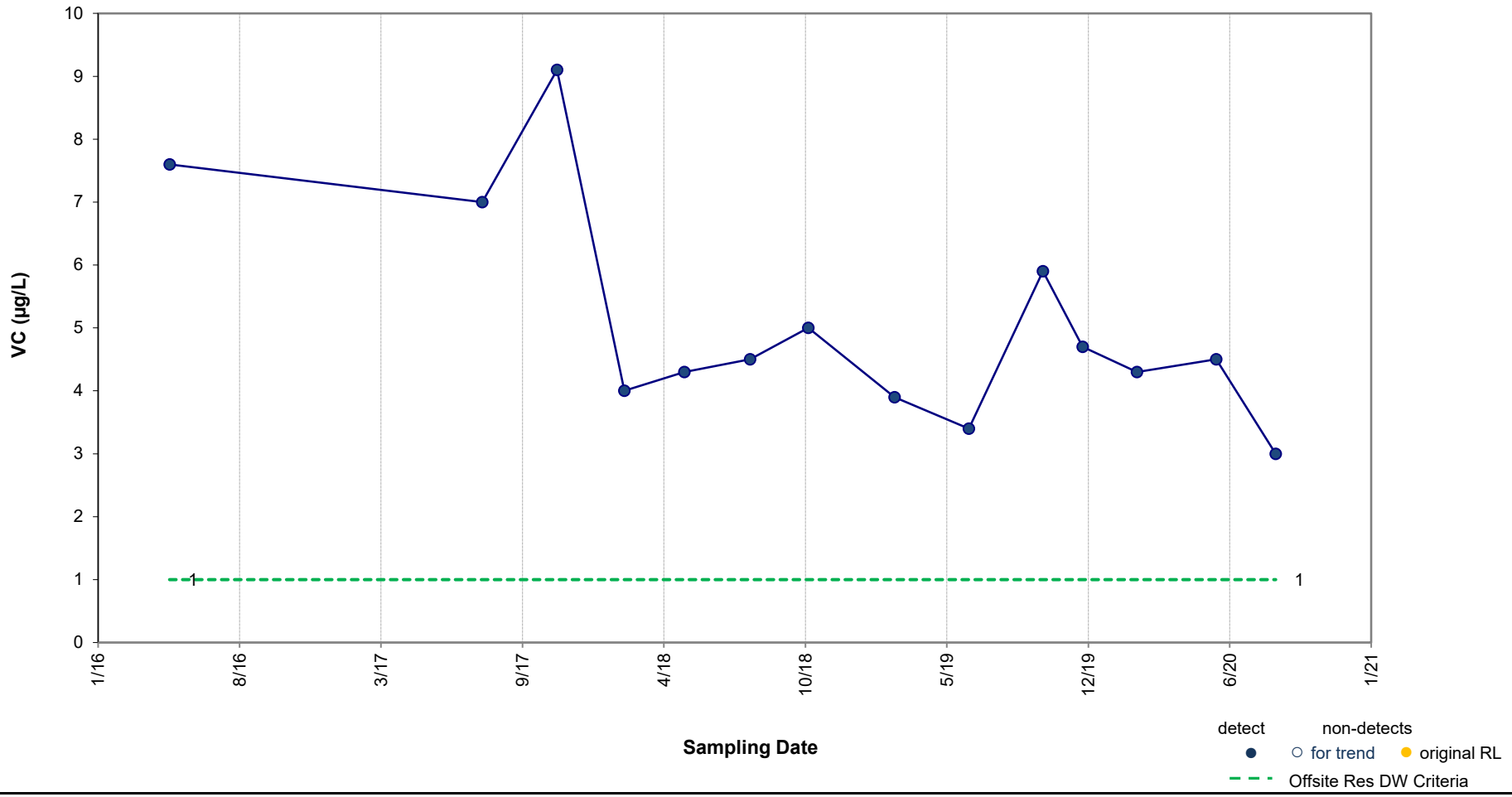
p value = 0.02 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-50

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 18



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

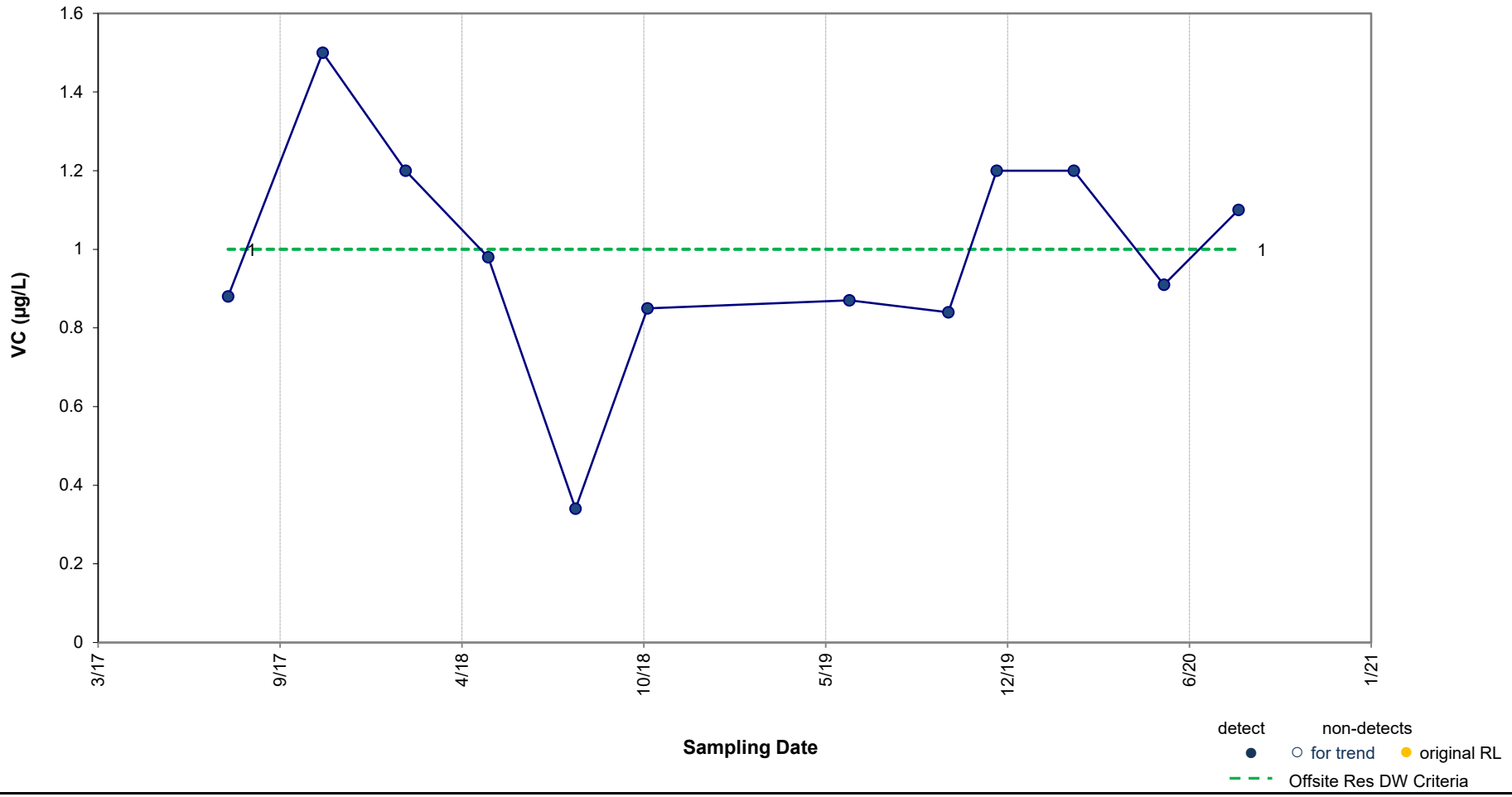
p value = 0.03 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-52

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 19



Results of Mann-Kendall Test for Trend: **No Significant Trend**

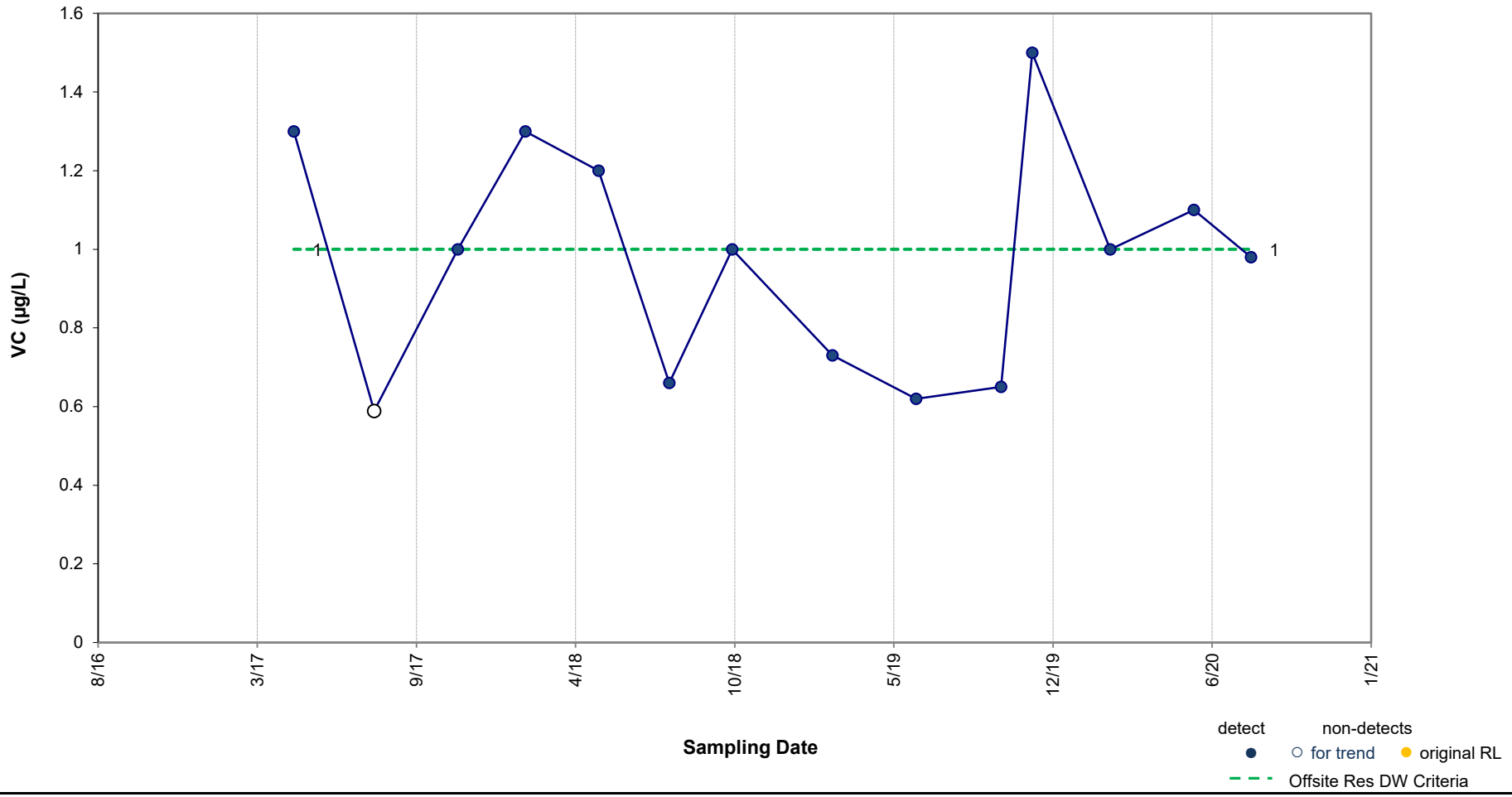
p value = 0.50 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-54

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 20



Results of Mann-Kendall Test for Trend: **No Significant Trend**

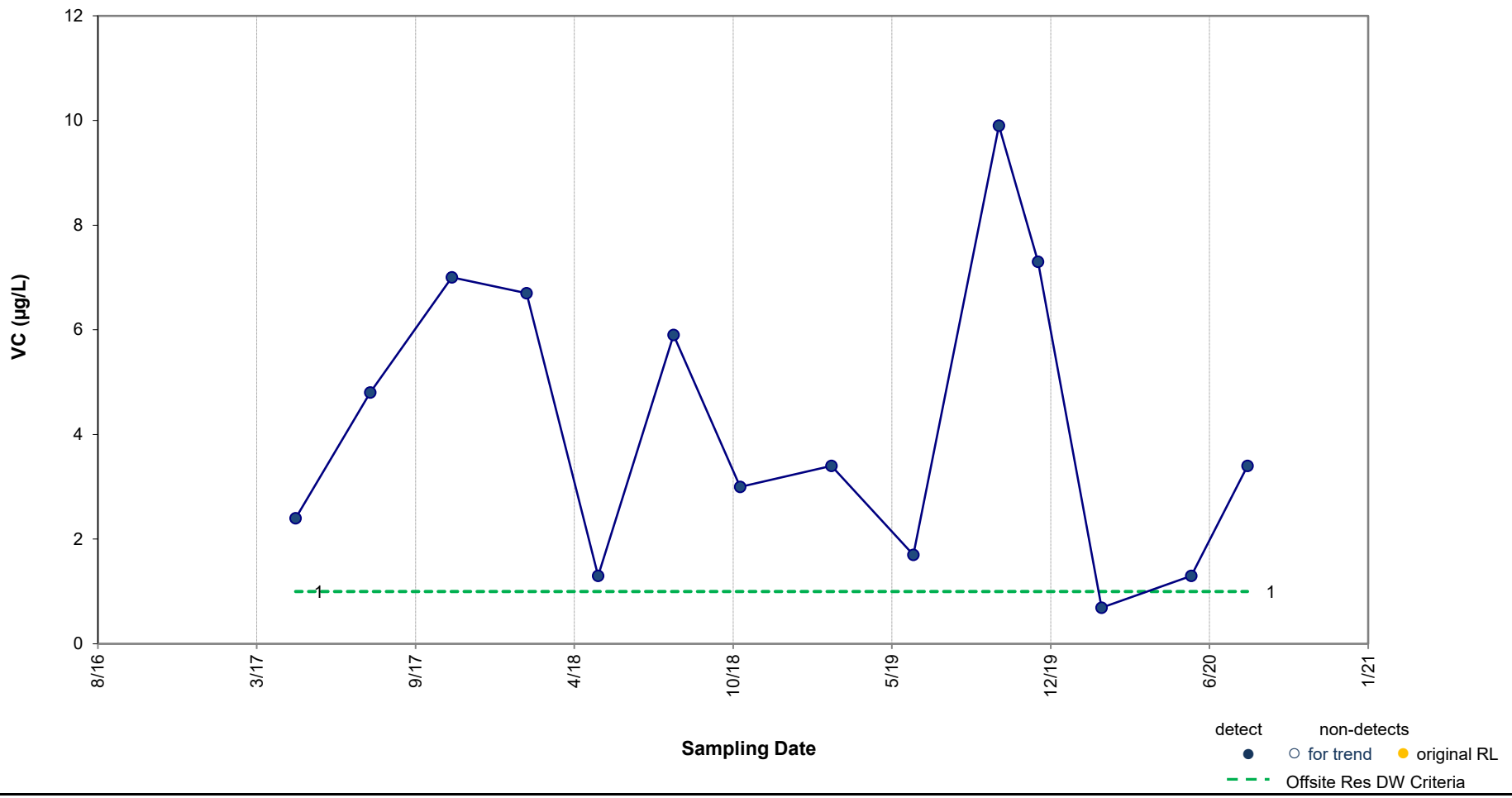
p value = 0.41 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-62

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 21



Results of Mann-Kendall Test for Trend: **No Significant Trend**

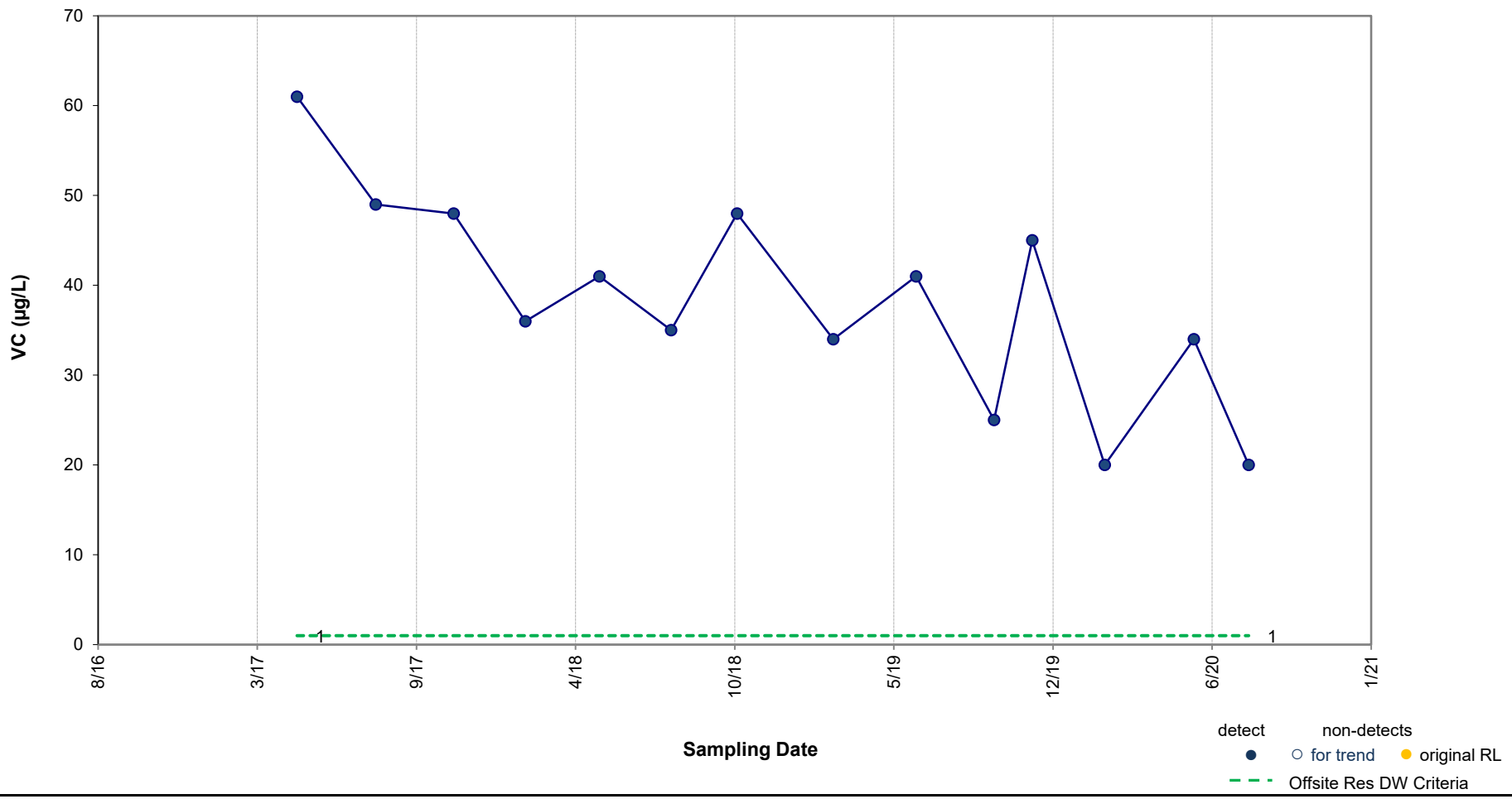
p value = 0.29 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS Design & Consultancy for natural and built assets

Concentration vs. Time Plot – VC in MW-64

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 22



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

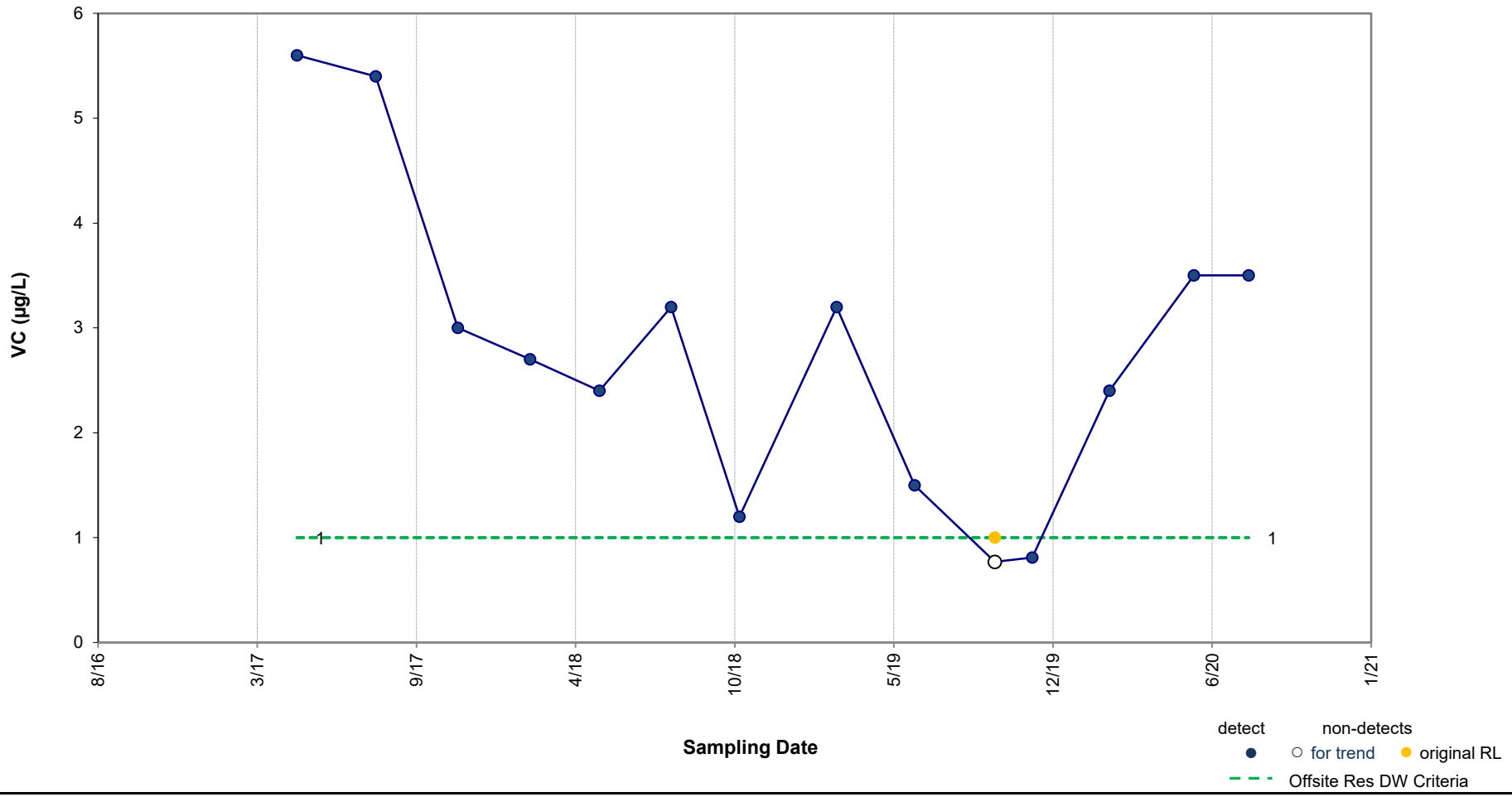
p value = < 0.01 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-65

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 23



Results of Mann-Kendall Test for Trend: **No Significant Trend**

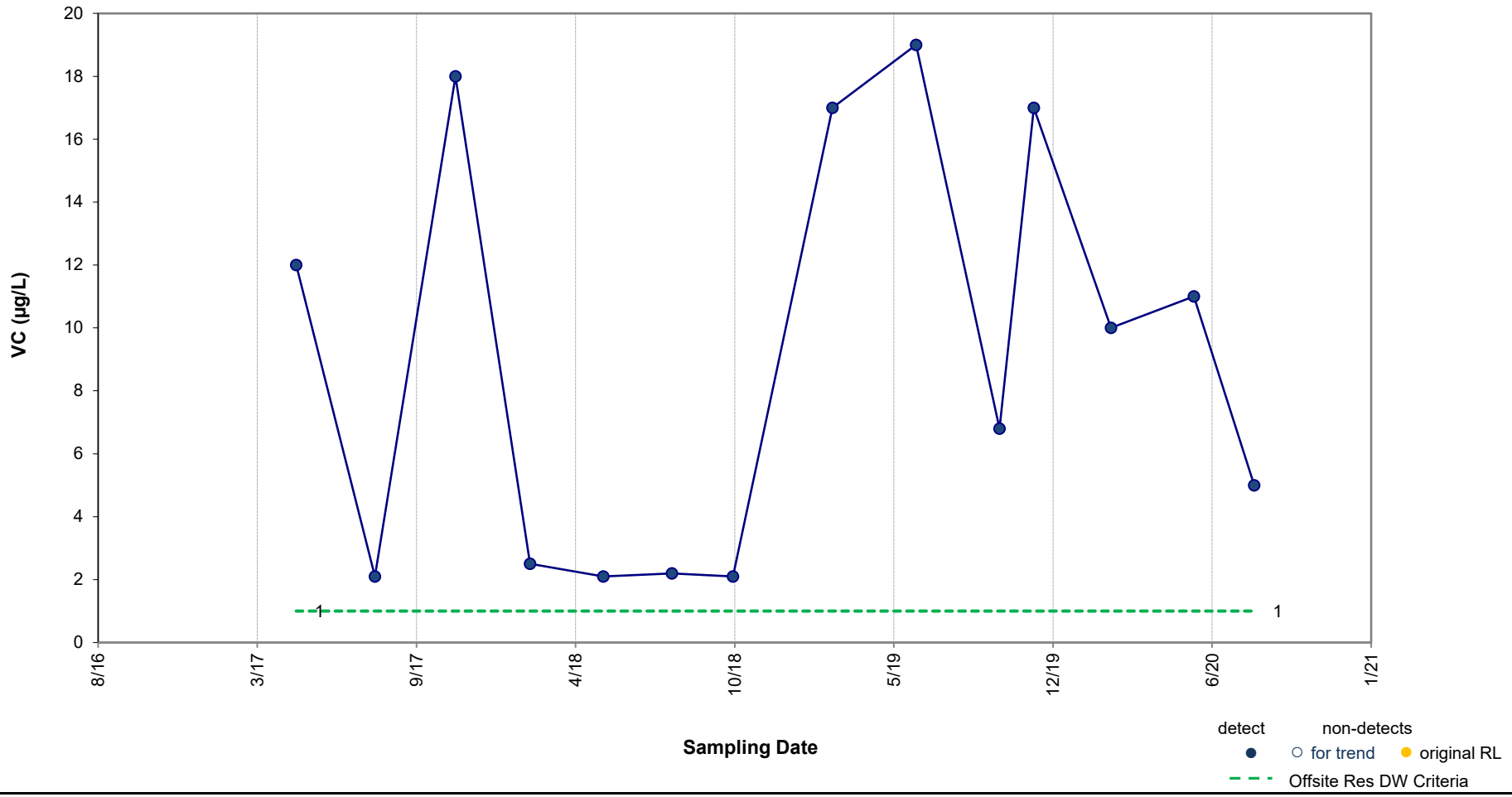
p value = 0.12 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS Design & Consultancy for natural and built assets

Concentration vs. Time Plot – VC in MW-66

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 24



Results of Mann-Kendall Test for Trend: **No Significant Trend**

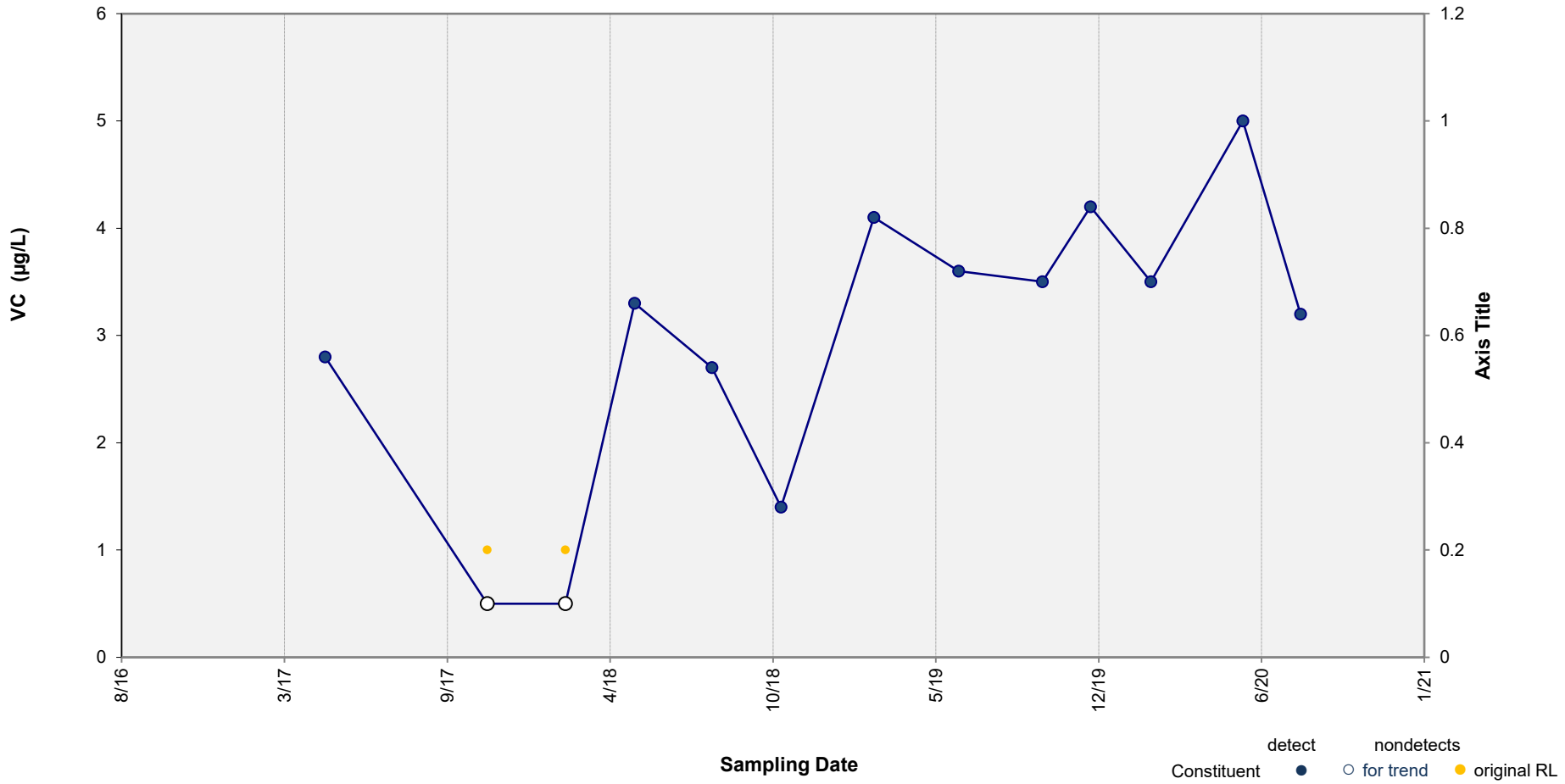
p value = 0.29 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-68

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 25



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

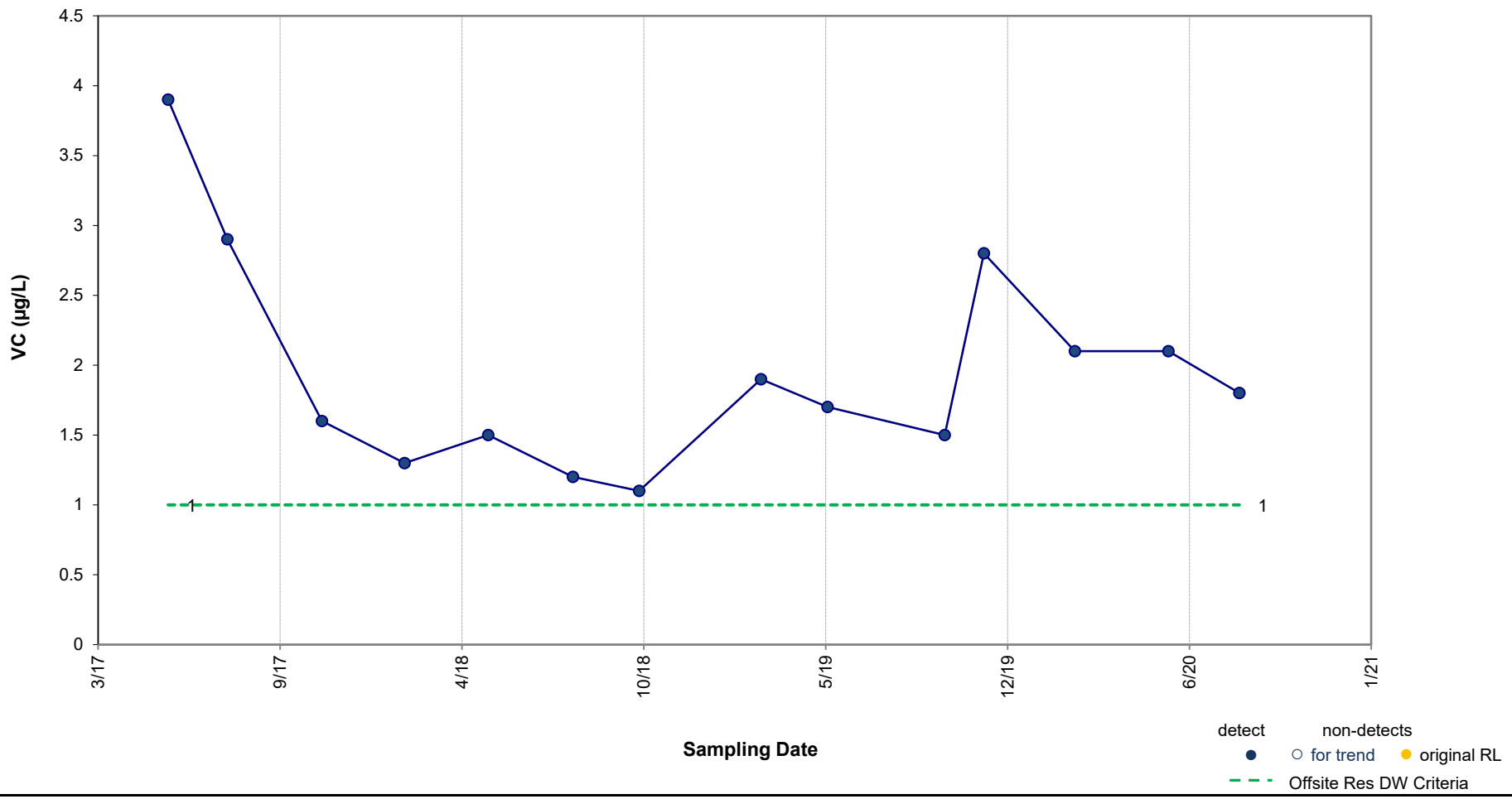
p value = 0.02 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot - VC in MW-69

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 26



Results of Mann-Kendall Test for Trend: **No Significant Trend**

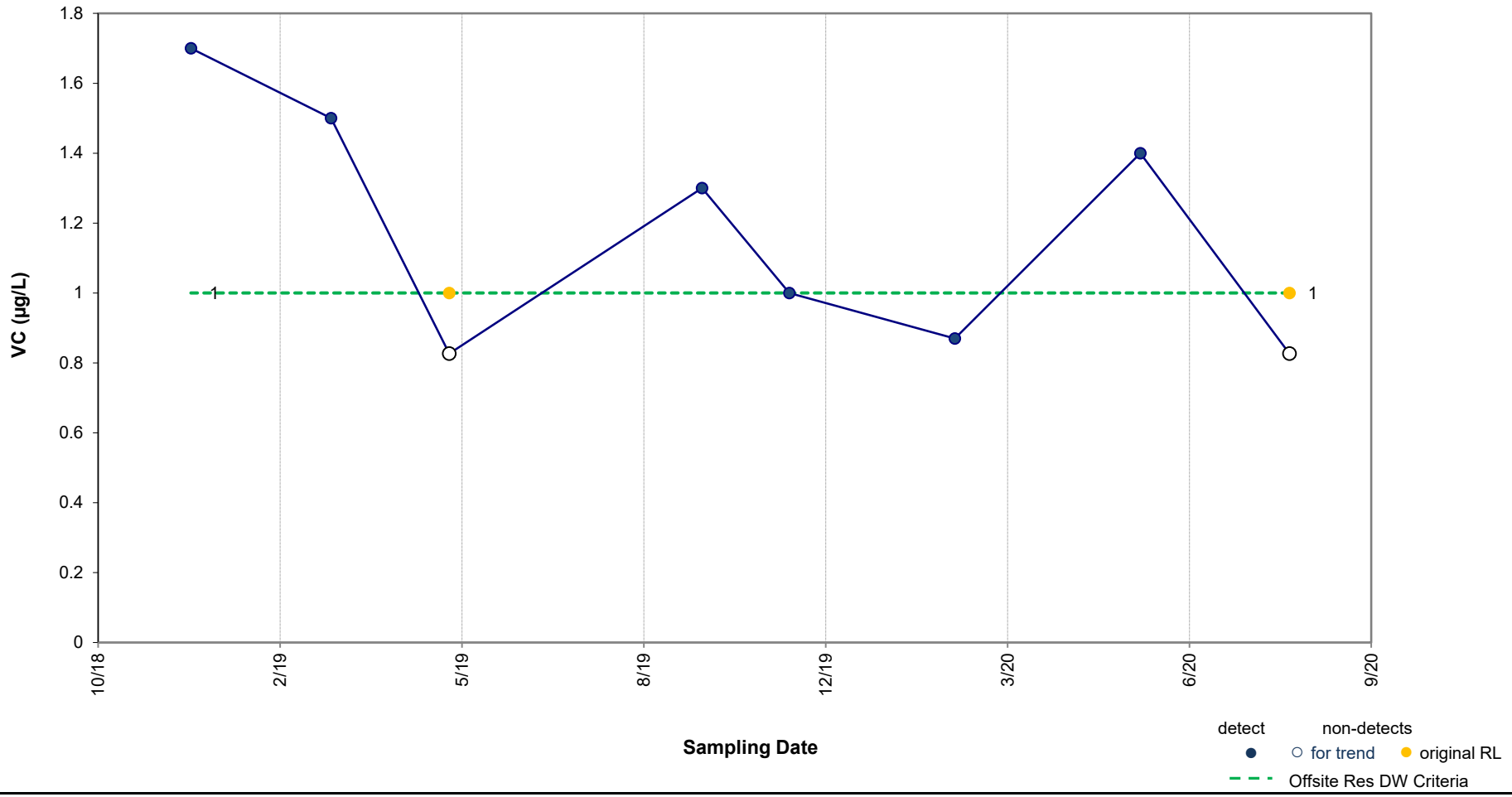
p value = 0.50 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-72

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 27



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

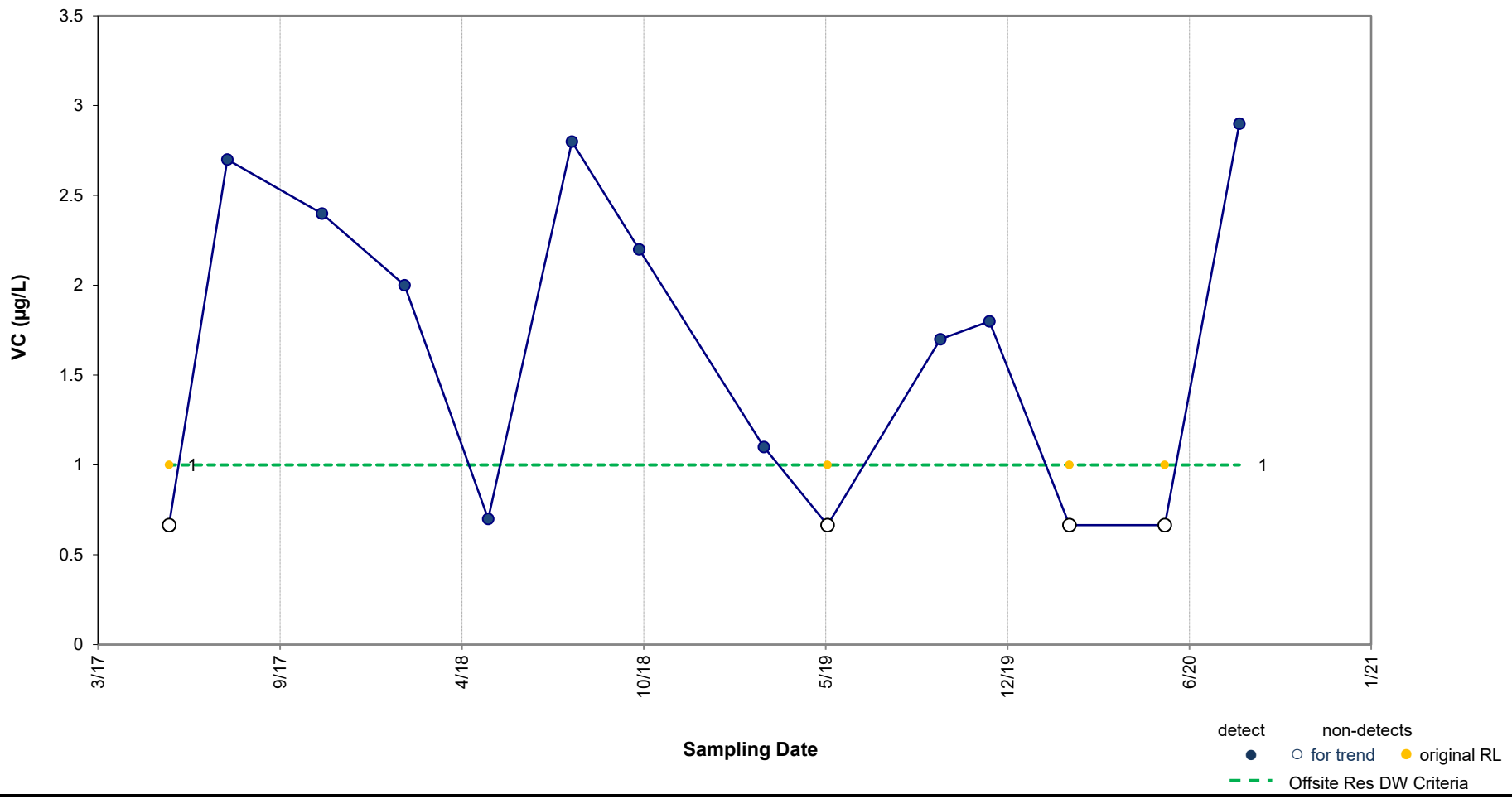
p value = 0.07 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-73SR

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 30



Results of Mann-Kendall Test for Trend: **No Significant Trend**

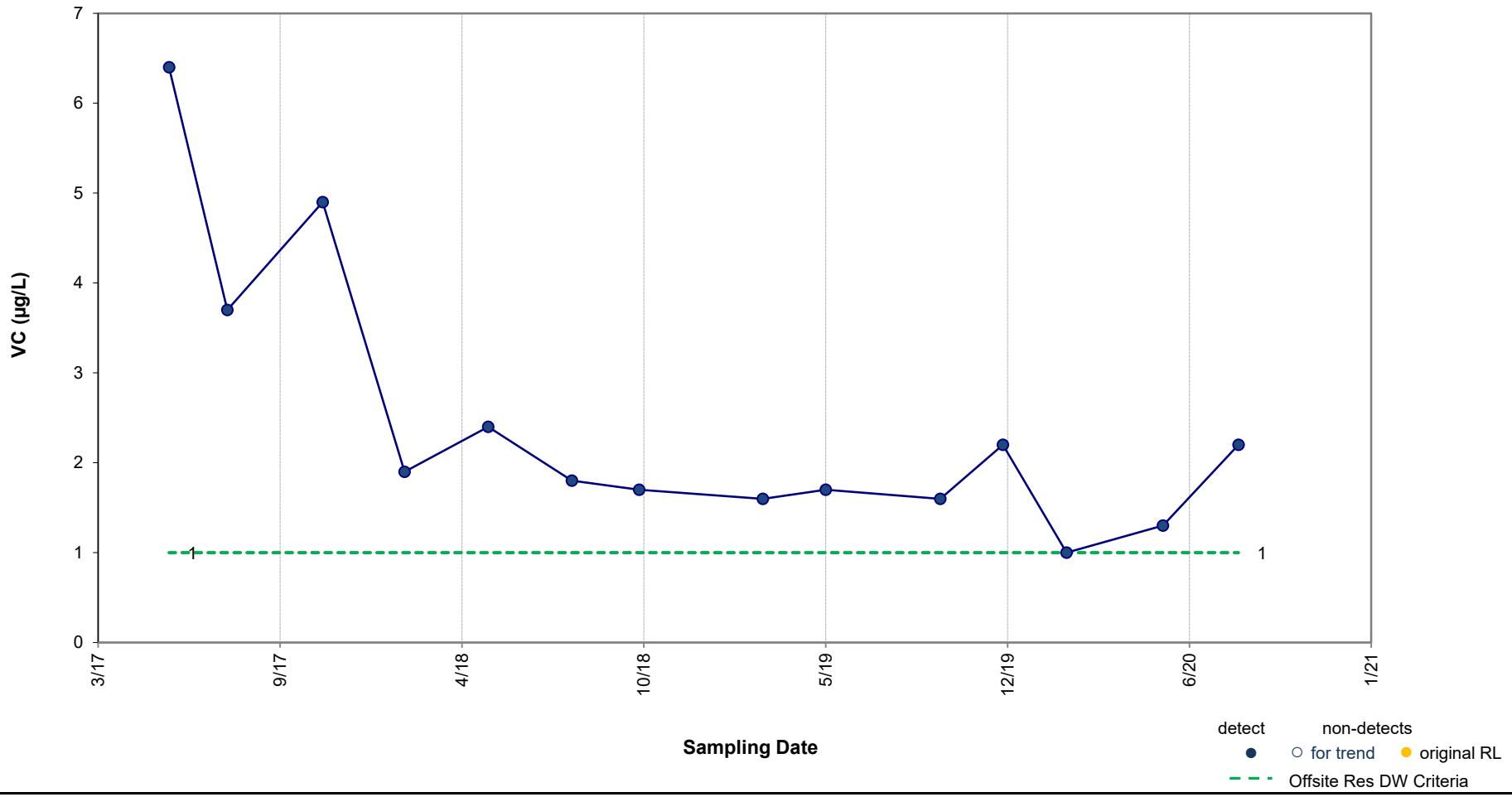
p value = 0.25 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-74

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 29



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

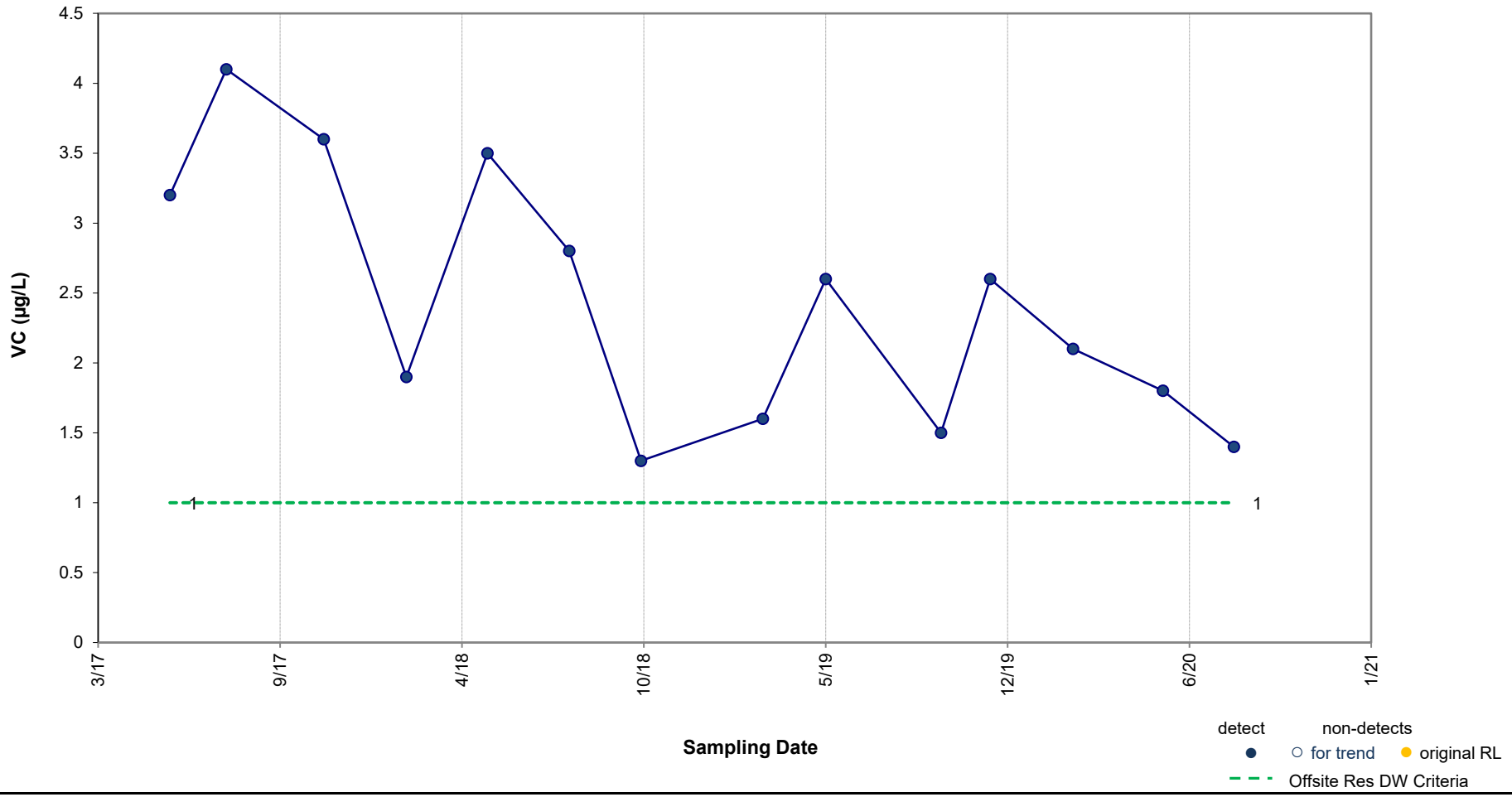
p value = <0.01 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-75D

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 30



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

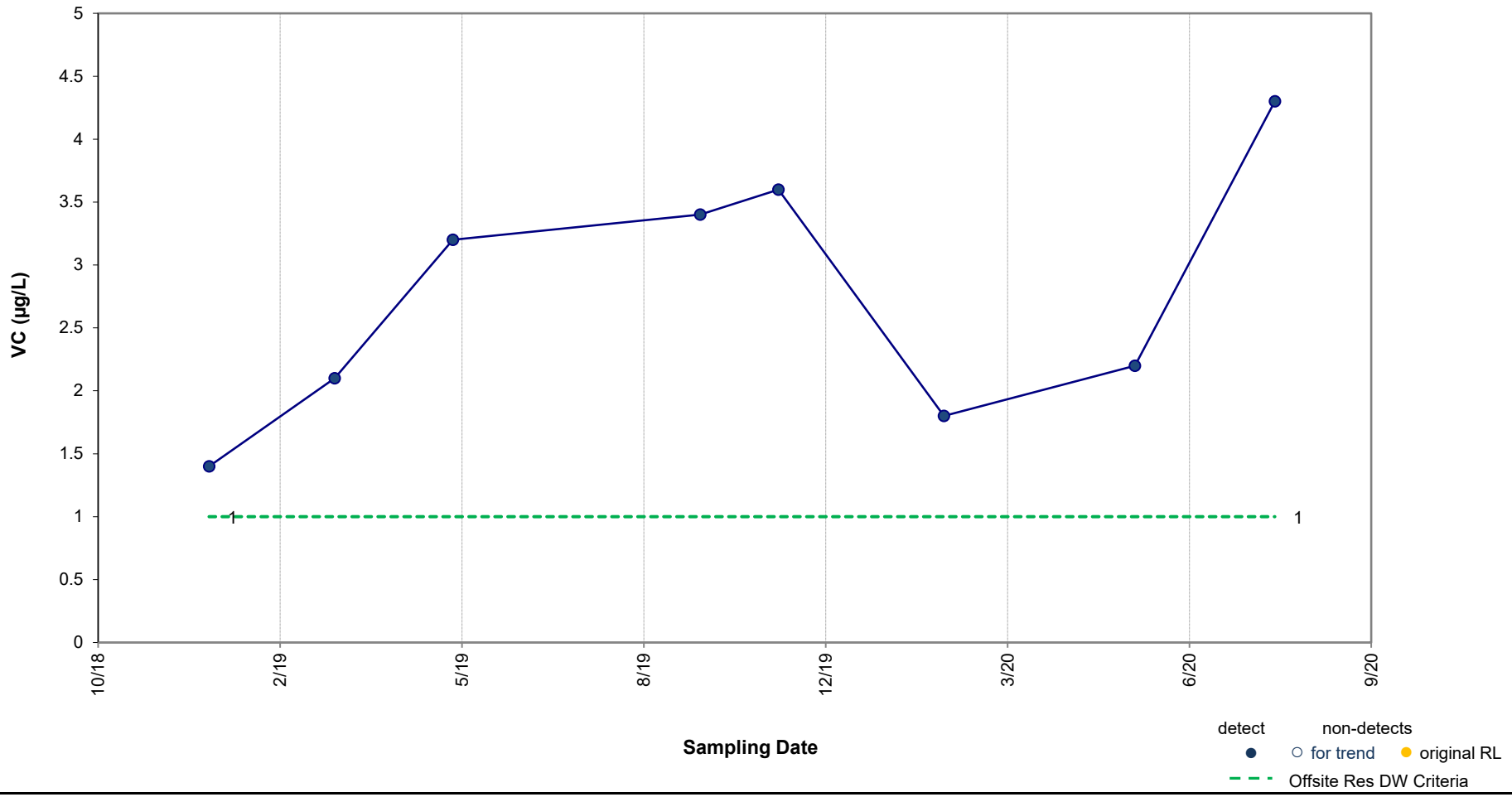
p value = <0.01 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-79D

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 31



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

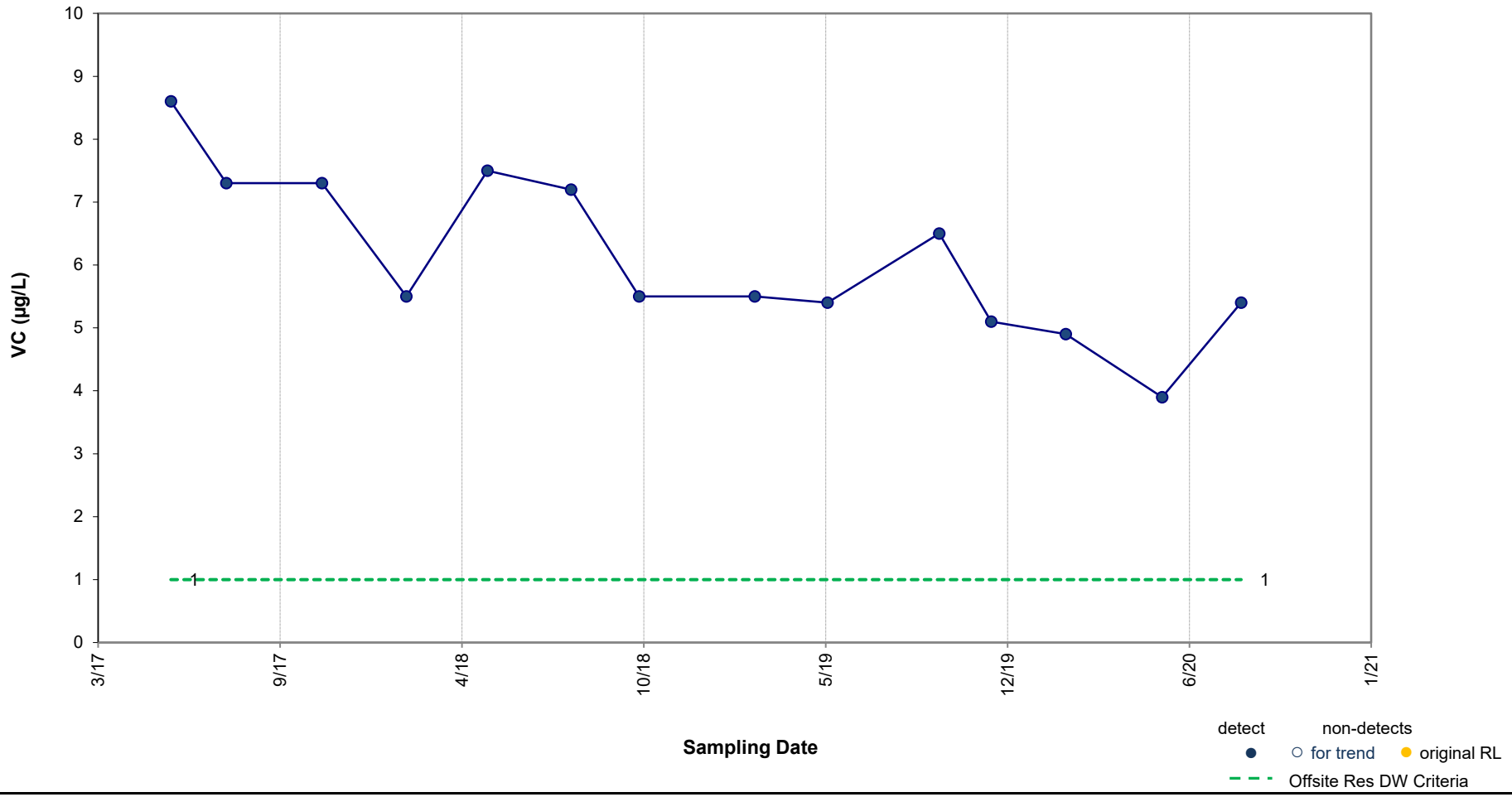
p value = 0.05 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-80SR

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 34



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

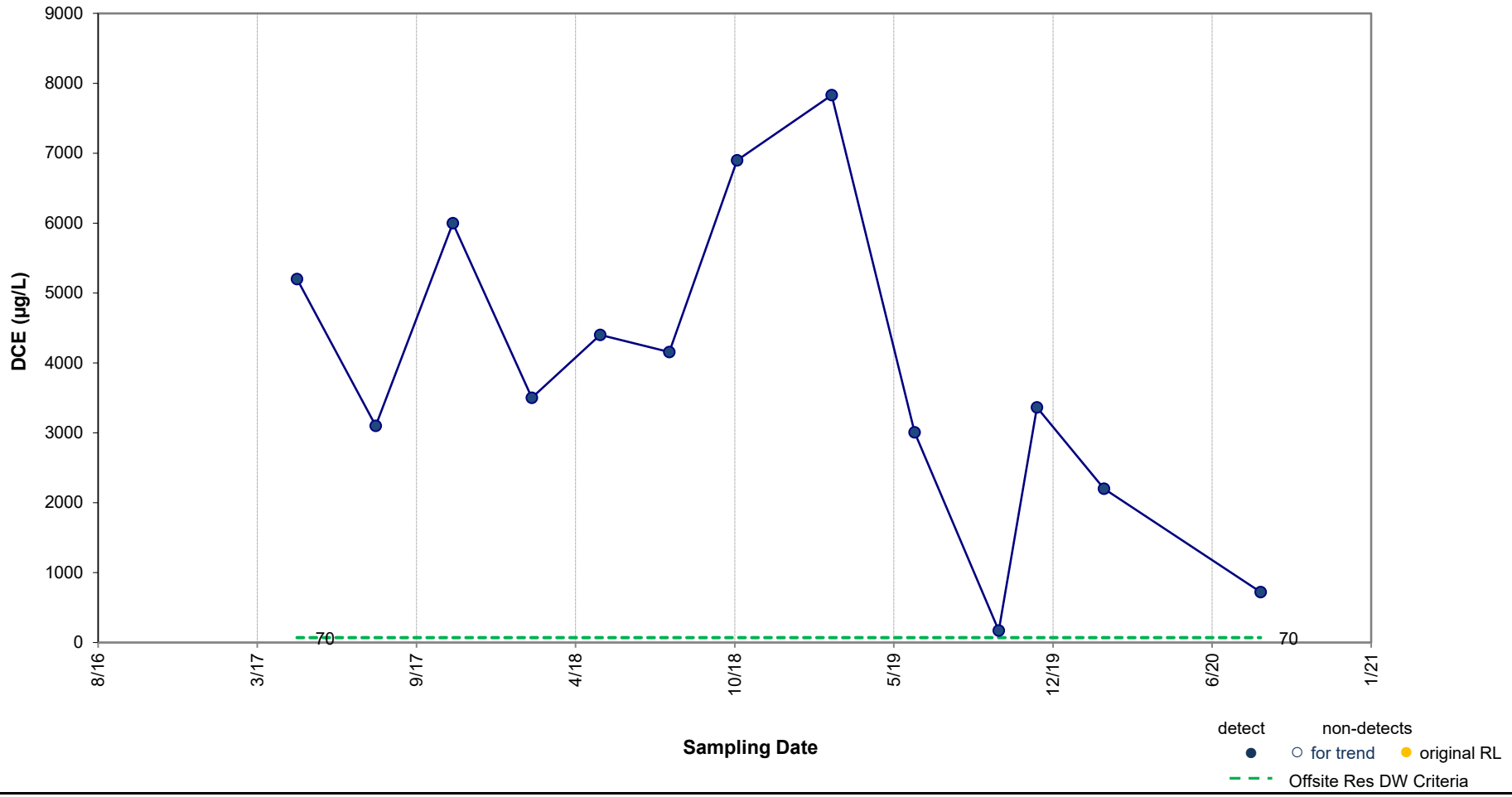
p value = <0.01 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in MW-85

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 33



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

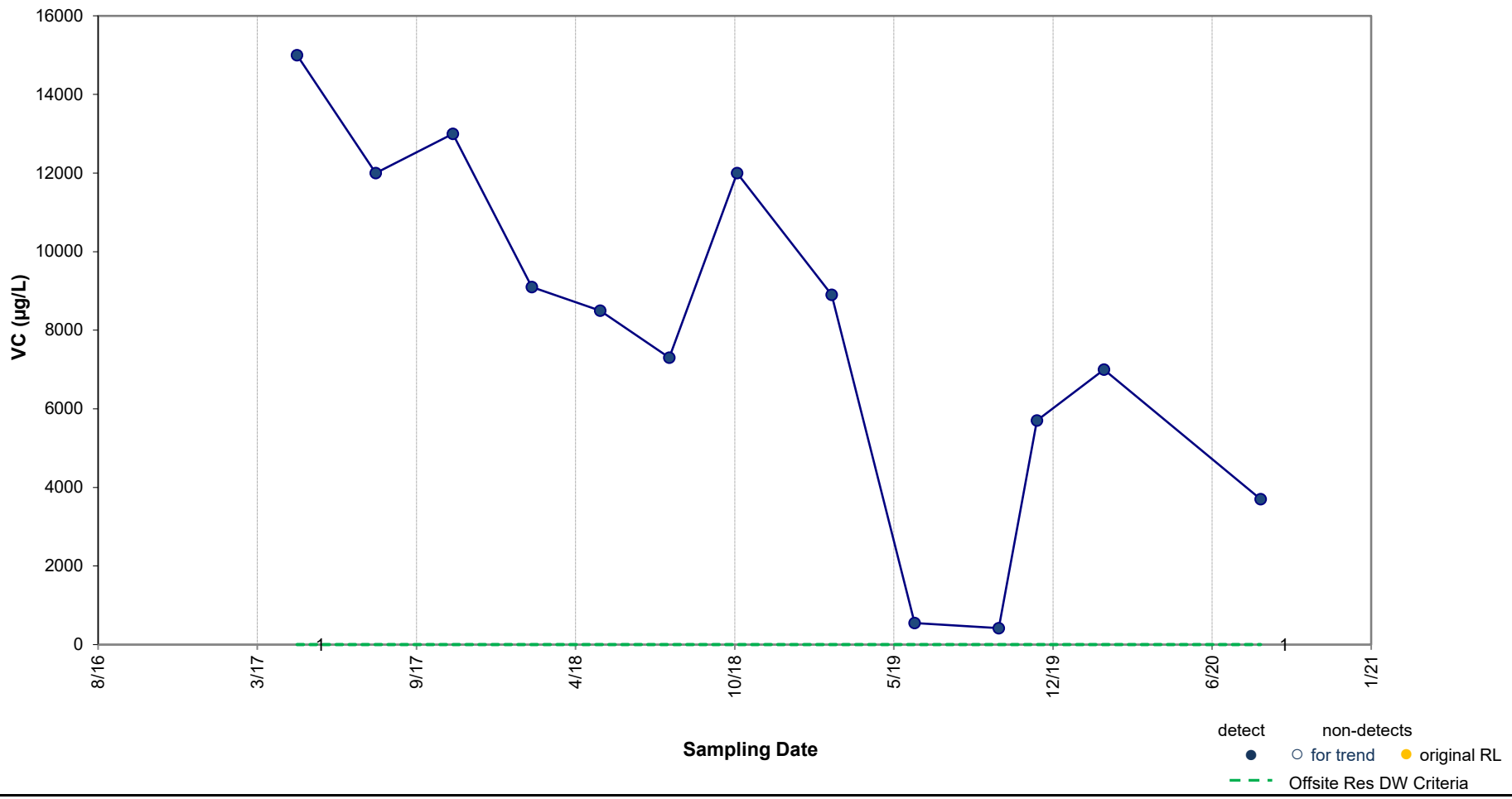
p value = 0.05 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – DCE in TW-16-02

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 34



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

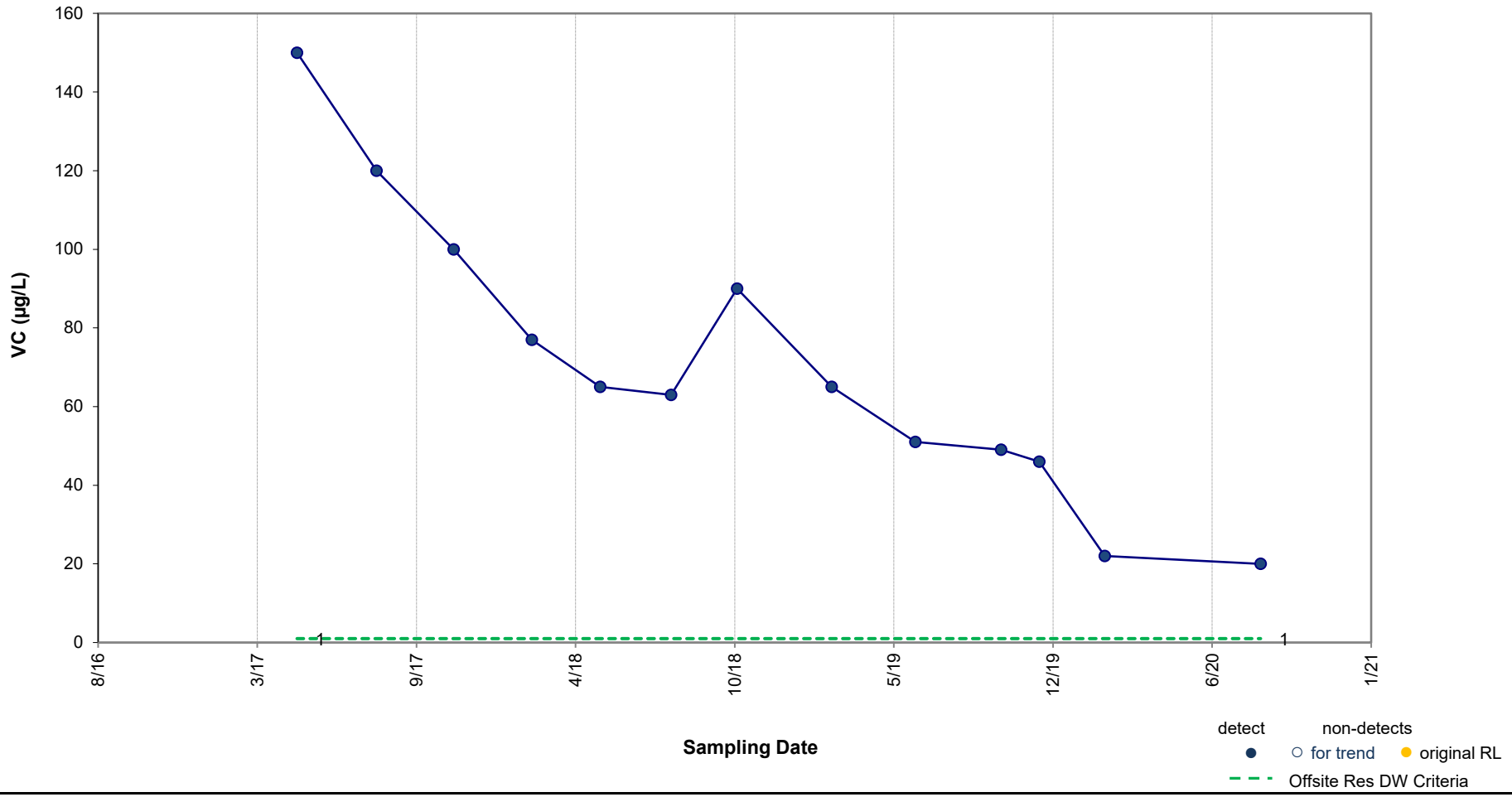
p value = <0.01 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in TW-16-02

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 35



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).

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Concentration vs. Time Plot – VC in TW-16-04

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 36

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