2025 Annual Groundwater Monitoring Report

Monroe Power Plant Fly Ash Basin and Vertical Extension Landfill Coal Combustion Residual Units

January 2026

Prepared For:

DTE Electric Company
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Executive Summary

On April 17, 2015, the United States Environmental Protection Agency (USEPA) published the final rule for the regulation and management of Coal Combustion Residuals (CCR) under the Resource Conservation and Recovery Act (RCRA) (the CCR Rule), as amended. The CCR Rule, which became effective on October 19, 2015, applies to the DTE Electric Company (DTE Electric) Monroe Power Plant (MONPP) Coal Combustion Residual Fly Ash Basin and Vertical Extension Landfill (FAB & VEL) CCR units. Pursuant to the CCR Rule, no later than January 31, 2018, and annually thereafter, the owner or operator of a CCR unit must prepare an annual groundwater monitoring and corrective action report for the CCR unit documenting the status of groundwater monitoring and corrective action for the preceding year in accordance with §257.90(e). On behalf of DTE Electric, TRC Engineers Michigan, Inc., the engineering entity of TRC, has prepared this Annual Groundwater Monitoring Report for calendar year 2025 activities at the MONPP FAB & VEL CCR units.

The MONPP FAB & VEL were operating under the detection monitoring program at the start of the 2025 annual reporting period and remained in the detection monitoring program through the end of the 2025 annual reporting period. The semiannual detection monitoring events for 2025 were completed in April and October 2025 and included sampling and analyzing groundwater within the groundwater monitoring system for the indicator parameters listed in Appendix III to the CCR Rule. As part of the statistical evaluation, the data collected during detection monitoring events are evaluated to identify statistically significant increases (SSIs) in Appendix III parameters to determine if concentrations in groundwater exceed prediction limits. Detection monitoring data that has been collected and evaluated under §257.90 through §257.98 in 2025 are presented in this report.

No SSIs over prediction limits were noted for the Appendix III constituents in the monitoring wells during the April and October 2025 monitoring events. Therefore, detection monitoring will continue at the MONPP FAB & VEL CCR units in accordance with §257.94. In addition, based on the artesian conditions, the low permeability of the laterally contiguous underlying natural soils, and the calculated time of travel for groundwater to flow vertically from the MONPP FAB & VEL to the uppermost aquifer, there is no reasonable probability for the uppermost aquifer to have been affected by CCR from FAB & VEL operations that began in 1975.

1.0 Introduction

1.1 Program Summary

On April 17, 2015, the United States Environmental Protection Agency (USEPA) published the final rule for the regulation and management of Coal Combustion Residuals (CCR) under the Resource Conservation and Recovery Act (RCRA) (the CCR Rule), as amended. The CCR Rule, which became effective on October 19, 2015, applies to the DTE Electric Company (DTE Electric) Monroe Power Plant (MONPP) Coal Combustion Residual Fly Ash Basin and Vertical Extension Landfill (FAB & VEL) CCR units. Pursuant to the CCR Rule, no later than January 31, 2018, and annually thereafter, the owner or operator of a CCR unit must prepare an annual groundwater monitoring and corrective action report for the CCR unit documenting the status of groundwater monitoring and corrective action for the preceding year in accordance with §257.90(e). On behalf of DTE Electric, TRC Engineers Michigan, Inc., the engineering entity of TRC, has prepared this 2025 Annual Groundwater Monitoring Report for calendar year 2025 activities at the MONPP FAB & VEL CCR units (2025 Annual Report).

This 2025 Annual Report presents the monitoring results and the statistical evaluation of the detection monitoring parameters (Appendix III to Part 257 of the CCR Rule) for the April and October 2025 semiannual groundwater monitoring events for the MONPP FAB & VEL CCR units. Detection monitoring for these events continued to be performed in accordance with the *CCR Groundwater Monitoring and Quality Assurance Project Plan – DTE Electric Company Monroe Power Plant Coal Combustion Residual Fly Ash Basin* (QAPP) (TRC, August 2016; revised March 2017) and statistically evaluated per the *Groundwater Statistical Evaluation Plan –Monroe Power Plant Coal Combustion Residual Fly Ash Basin* (Stats Plan) (TRC, October 2017). As part of the statistical evaluation, the data collected during detection monitoring events are evaluated to identify SSIs of detection monitoring parameters compared to background levels.

Additional site characterization was completed in late 2020 and 2021 with soil hydraulic conductivity testing extending into December 2022, including additional soil borings, cone penetrometer testing (CPT), soil sample collection for additional clay-rich soil laboratory hydraulic conductivity testing and additional slug testing (to measure the hydraulic conductivity of the uppermost aquifer in wells not previously tested) in support of the Preliminary Alternative Liner Demonstration (ALD) that was submitted to EPA on April 10, 2023 (Geosyntec 2023). The ALD concludes that there is no reasonable probability that water from FAB will cause releases to groundwater throughout the active life of the CCR unit at concentrations that will exceed the groundwater protection standard at the waste boundary.

From December 2022 to April 2023 DTE Electric performed an additional uppermost aquifer characterization as detailed in the April 2023 *Additional Uppermost Aquifer Characterization Study, Monroe Power Plant Fly Ash Basin CCR Unit, 7955 East Dunbar Road, Monroe, Michigan* (Aquifer Characterization Study) prepared by TRC (TRC, April 2023). The Aquifer Characterization Study presents an analysis of geochemical, stable isotopic, and tritium data collected in December 2022 along with pre-existing data from the MONPP FAB CCR unit that

confirms the uppermost aquifer is not in hydraulic communication with the CCR unit and further demonstrates that the uppermost aquifer groundwater is unaffected by the CCR unit water.

1.2 Site Overview

The MONPP FAB & VEL is located about one mile southwest of the MONPP in Section 16, Township 7 South, Range 9 East at 7955 East Dunbar Road, Monroe, Monroe County, Michigan (Figure 1). The MONPP FAB & VEL is bounded by Dunbar Road and Plum Creek to the north and northeast, Interstate 75 to the northwest, a 200-acre peninsula into Lake Erie to the east and southeast, Lake Erie to the south, and a large open field to the southwest (Figure 2).

The property has been used continuously for the operation of the MONPP FAB & VEL since approximately 1975 and is constructed over a natural clay-rich soil base. The MONPP FAB & VEL are owned by DTE Electric and received coal ash from DTE Electric's MONPP through December 29, 2023, following conversion to dry handling of fly ash. The MONPP FAB & VEL are operated in accordance with Michigan Part 115 of the Natural Resources and Environmental Protection Act (NREPA), PA 451 of 1994, as amended, and are licensed as a Coal Ash Surface Impoundment and a Coal Ash Landfill under the current operating license number 9579. The MONPP FAB & VEL are currently undergoing closure pursuant to Part 115 and the CCR Rule, during which groundwater monitoring is required to continue.

1.3 Geology/Hydrogeology

The MONPP FAB & VEL CCR units are located southwest of Plum Creek and immediately north of Lake Erie. The MONPP FAB & VEL CCR units uppermost aquifer consists of saturated limestone and a 5- to 10-foot-thick layer of weathered limestone mixed with clay, sand, and/or gravel, both present beneath at least 14 to 34 feet of thick contiguous silty clay-rich soil that serves as a natural confining hydraulic barrier that isolates the underlying uppermost aquifer (TRC, 2017 and Geosyntec, 2023). The limestone bedrock aquifer is artesian in every location except MW-16-01, where the static water level was approximately 1 to 2 feet below ground surface (ft bgs).

Potentiometric groundwater elevation data from 2016 through 2025 show that there is horizontal groundwater flow potential within the upper aquifer unit generally to the northeast towards Plum Creek. The average hydraulic gradient to the northeast is on the order of 0.002 foot/foot along the eastern part of the MONPP FAB & VEL to 0.004 foot/foot in the center and northwestern part of the FAB & VEL, with an overall mean of 0.004 foot/foot in 2025.

2.0 Groundwater Monitoring

2.1 Monitoring Well Network

A groundwater monitoring system has been established for the MONPP FAB & VEL CCR units as detailed in the Groundwater Monitoring System Summary Report – Monroe Power Plant Coal Combustion Residual Fly Ash Basin (GWMS Report) (TRC, October 2017). The detection monitoring well network for the MONPP FAB & VEL CCR units currently consists of seven monitoring wells that are screened in the uppermost aquifer. Monitoring wells MW-16-01 through MW-16-07 are located around the perimeter of the MONPP FAB & VEL CCR units and provide data on both background and downgradient groundwater quality that has not been affected by the CCR units (total of seven background/downgradient monitoring wells). The monitoring well locations are shown on Figure 2.

2.2 Semiannual Groundwater Monitoring

The semiannual monitoring parameters for the detection groundwater monitoring program were selected per the CCR Rule's Appendix III to Part 257 – Constituents for Detection Monitoring. The Appendix III indicator parameters consist of boron, calcium, chloride, fluoride, pH (field reading), sulfate, and total dissolved solids (TDS) and were analyzed in accordance with the sampling and analysis plan included within the QAPP. In addition to pH, the collected field parameters included dissolved oxygen, oxidation reduction potential, specific conductivity, temperature, and turbidity.

2.2.1 Data Summary

The first semiannual groundwater detection monitoring event for 2025 was performed April 30, 2025 by TRC personnel and samples were analyzed by Eurofins Environment Testing America (Eurofins) in accordance with the QAPP. Static water elevation data were collected at all seven monitoring well locations. Groundwater samples were collected from the seven detection monitoring wells for the Appendix III indicator parameters and field parameters. A summary of the groundwater data collected during the April 2025 event is provided on Table 1 (static groundwater elevation data), Table 2 (field data), and Table 3 (analytical results).

The second semiannual groundwater detection monitoring event for 2025 was performed on October 6 and 7, 2025 by TRC personnel and samples were analyzed by Eurofins in accordance with the QAPP. Static water elevation data were collected at all seven monitoring well locations. Groundwater samples were collected from the seven detection monitoring wells for the Appendix III indicator parameters and field parameters. A summary of the groundwater data collected during the second semiannual groundwater detection monitoring event is provided on Table 1 (static groundwater elevation data), Table 2 (field data), and Table 4 (analytical results). The laboratory analytical reports are included in Appendix A and the field data are included in Appendix B.

2.2.2 Data Quality Review

Data from each round were evaluated for completeness, overall quality and usability, method-specified sample holding times, precision and accuracy, and potential sample contamination. The data were found to be complete and usable for the purposes of the CCR monitoring program. Data quality reviews are summarized in Appendix C.

2.2.3 Groundwater Flow Rate and Direction

Groundwater elevation data collected during the April sampling event and the October 2025 sampling event continue to show that groundwater within the uppermost aquifer generally flows to the northeast. Groundwater potentiometric surface elevations measured during the April and October 2025 events are provided on Table 1 and were used to construct the groundwater potentiometric surface maps shown on Figure 3 and Figure 4, respectively.

The groundwater flow rate and direction are consistent with previous monitoring events. The average hydraulic gradients throughout the MONPP FAB/VEL CCR unit during the April and October 2025 events was approximately 0.004 ft/ft. Using the average hydraulic conductivity of 14 feet/day (TRC, 2017 and Geosyntec, 2021) and an assumed effective porosity of 0.1, the estimated seepage velocity is 0.56 feet/day (approximately 200 feet/year) throughout the 2025 monitoring period.

The general flow rate and direction from both events are similar to that identified in previous monitoring rounds and continues to demonstrate that the monitoring wells are appropriately positioned to detect the presence of Appendix III parameters that could potentially migrate from the MONPP FAB & VEL CCR units.

3.0 Statistical Evaluation

3.1 Establishing Background Limits

As discussed in the Stats Plan, intrawell statistical methods for MONPP FAB & VEL were selected based on the geology and hydrogeology at the site (primarily the presence of clay/hydraulic barrier and the hydraulic separation between the CCR units and underlying uppermost aquifer), in addition to other supporting lines of evidence that the aquifer is unaffected by the CCR units that have been further demonstrated in the ALD and Aquifer Characterization Study. An intrawell statistical approach requires that each monitoring well doubles as a background and compliance well, where data from each individual well during a detection monitoring event is compared to a statistical limit developed using the background dataset from that same well.

Per the Stats Plan, background limits were established for the Appendix III indicator parameters following the collection of at least eight background monitoring events using data collected from each of the seven established detection monitoring wells (MW-16-01 through MW-16-07). The initial statistical evaluation of the background data is presented in the 2017 Annual Report (TRC, January 2018). The Appendix III background limits for each monitoring well will be used throughout the detection monitoring period to determine whether groundwater has been impacted from the MONPP FAB & VEL CCR units by comparing concentrations in the detection monitoring wells to their respective background limits for each Appendix III indicator parameter.

Consistent with the Stats Plan and the *USEPA's Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance* (Unified Guidance*,* USEPA, 2009), prediction limits are periodically updated to reflect the additional data and additional temporal variability observed over time. The Appendix III prediction limits at MONPP FAB & VEL were updated per the Stats Plan and Unified Guidance in December 2021 to incorporate additional data since 2017 as presented in the December 15, 2021 Technical Memorandum, *Prediction Limit Update – DTE Electric Company, Monroe Power Plant Fly Ash Basin and Vertical Extension Landfill* (included as Appendix C in the *2021 Annual Groundwater Monitoring Report – DTE Electric Company, Sibley Quarry Landfill, Coal Combustion Residual Unit*, TRC, January 2022).

3.2 Data Comparison to Background Limits – First 2025 Semiannual Event (April 2025)

The concentrations of the indicator parameters in each of the detection monitoring wells (MW-16-01 through MW-16-07) were compared to their respective statistical background limits calculated from the background data collected from each individual well (i.e., monitoring data from MW-16-01 is compared to the background limit developed using the background dataset from MW-16-01, and so forth).

The statistical evaluation of the April 2025 Appendix III indicator parameters shows no potential initial SSIs compared to background for any of the constituents. The comparisons for the April detection monitoring event are presented on Table 3.

3.3 Data Comparison to Background Limits – Second 2025 Semiannual Event (October 2025)

The concentrations of the indicator parameters in each of the detection monitoring wells (MW-16-01 through MW-16-07) were compared to their respective statistical background limits calculated from the background data collected from each individual well (i.e., monitoring data from MW-16-01 is compared to the background limit developed using the background dataset from MW-16-01, and so forth).

The statistical evaluation of the October 2025 Appendix III indicator parameters shows no potential initial SSIs compared to background for any of the constituents. The comparisons for the October detection monitoring event are presented on Table 4.

4.0 Conclusions and Recommendations

No SSIs over background limits were observed during the April and October 2025 monitoring events. Therefore, detection monitoring will continue at the MONPP FAB & VEL in accordance with §257.94.

In addition, as discussed above, and in the GWMS Report as well as in the ALD and Aquifer Characterization Study, based on the artesian conditions, the low permeability of the laterally contiguous underlying natural soils, and the calculated time of travel for groundwater to flow vertically from the MONPP FAB & VEL to the uppermost aquifer, there is no reasonable probability for the uppermost aquifer to have been affected by CCR from FAB & VEL operations that began in 1975.

No corrective actions were performed in 2025. The next semiannual monitoring event at the MONPP FAB & VEL CCR units is scheduled for the second calendar quarter of 2026.

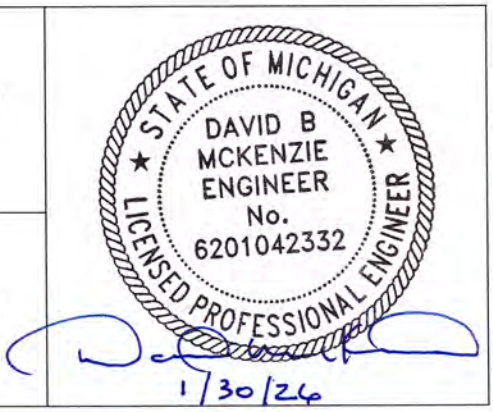
5.0 Groundwater Monitoring Report Certification

The U.S. EPA's Disposal of Coal Combustion Residuals from Electric Utilities Final Rule Title 40 CFR Part 257 §257.90(e) requires that the owner or operator of an existing CCR unit prepare an annual groundwater monitoring and corrective action report.

Annual Groundwater Monitoring Report Certification
Monroe Power Plant Fly Ash Basin and Vertical Extension Landfill
Monroe, Michigan

CERTIFICATION

I hereby certify that the annual groundwater monitoring and corrective action report presented within this document for the MONPP FAB & VEL CCR units has been prepared to meet the requirements of Title 40 CFR §257.90(e) of the Federal CCR Rule. This document is accurate and has been prepared in accordance with good engineering practices, including the consideration of applicable industry standards, and with the requirements of Title 40 CFR §257.90(e).

Name: David B. McKenzie, P.E.	Expiration Date: December 17, 2027	
Company: TRC Engineers Michigan, Inc.	Date: January 30, 2026	

6.0 References

Geosyntec Consultants (Geosyntec). April 2023. Alternative Liner Demonstration Fly Ash Basin Monroe Power Plant, DTE Electric Company Monroe Power Plant Fly Ash Basin and vertical Extension Landfill Coal Combustion Residuals Unit, 7955 East Dunbar Road, Monroe, Michigan.

TRC. August 2016; Revised March 2017. CCR Groundwater Monitoring and Quality Assurance Project Plan – DTE Electric Company Monroe Power Plant Coal Combustion Residual Fly Ash Basin, 7955 East Dunbar Road, Monroe, Michigan. Prepared for DTE Electric Company.

TRC. October 2017. Groundwater Monitoring System Summary Report – Monroe Power Plant Coal Combustion Residual Fly Ash Basin, 7955 East Dunbar Road, Monroe, Michigan. Prepared for DTE Electric Company.

TRC. October 2017. Groundwater Statistical Evaluation Plan –Monroe Power Plant Coal Combustion Residual Fly Ash Basin, 7955 East Dunbar Road, Monroe, Michigan. Prepared for DTE Electric Company.

TRC. January 2018. Annual Groundwater Monitoring Report – DTE Electric Company Monroe Power Plant Fly Ash Basin Coal Combustion Residual Unit, 7955 East Dunbar Road, Monroe, Michigan. Prepared for DTE Electric Company.

TRC. December 15, 2021. Prediction Limit Update – DTE Electric Company, Monroe Power Plant Fly Ash Basin and Vertical Extension Landfill. Prepared for DTE Electric Company.

TRC. January 2022. 2021 Annual Groundwater Monitoring Report – DTE Electric Company, Monroe Power Plant Fly Ash Basin and Vertical Extension Landfill, Coal Combustion Residual Unit. Prepared for DTE Electric Company.

TRC. April 2023. Additional Uppermost Aquifer Characterization Study, Monroe Power Plant Fly Ash Basin CCR Unit, 7955 East Dunbar Road, Monroe, Michigan. Prepared for DTE Electric Company.

USEPA. 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA facilities, Unified Guidance. Office of Conservation and Recovery. EPA 530/R-09-007.

Tables

Table 1

Summary of Groundwater Elevation Data – 2025

Monroe Power Plant Fly Ash Basin and Vertical Extension Landfill

Monroe, Michigan

Well ID	MW-16-01		MW-16-02		MW-16-03		MW-16-04		MW-16-05		MW-16-06		MW-16-07	
Date Installed	2/17/2016		2/18/2016		2/16/2016		2/15/2016		4/13/2016		4/13/2016		4/14/2016	
TOC Elevation	581.74		581.81		579.95		585.54		580.42		581.94		578.40	
Geologic Unit of Screened Interval	Silt/Limestone Interface		Silt/Limestone Interface		Sand & Silty Clay Limestone Interface		Silty Sand and Gravel		Limestone		Gravel and Cobbles		Silt/Limestone Interface	
Screened Interval Elevation	530.9 to 525.9		526.4 to 521.4		540.3 to 535.3		541.6 to 536.6		540.5 to 535.5		534.2 to 529.2		540.4 to 535.4	
Unit	ft BTOC	ft	ft BTOC	ft	ft BTOC	ft	ft BTOC	ft	ft BTOC	ft	ft BTOC	ft	ft BTOC	ft
Measurement Date	Depth to Water	GW Elevation	Depth to Water	GW Elevation	Depth to Water	GW Elevation	Depth to Water	GW Elevation	Depth to Water	GW Elevation	Depth to Water	GW Elevation	Depth to Water	GW Elevation
04/30/2025	4.45	577.29	-3.67	585.48	-11.13	591.08	-13.84	599.38	-14.62	595.04	-0.15	582.09	-5.43	583.83
10/6/2025	4.96	576.78	-1.59	583.40	-7.32	587.27	-8.66	594.20	-10.34	590.76	1.43	580.51	-3.90	582.30

Notes:

Negative depth to water measurement indicates artesian conditions, actual measured water level is above the top of casing.

Elevations are reported in feet relative to the North American Vertical Datum of 1988.

ft BTOC - feet below top of casing

Table 2
Summary of Groundwater Field Parameters – 2025
Monroe Power Plant Fly Ash Basin and Vertical Extension Landfill
Monroe, Michigan

Sample Location	Sample Date	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH (SU)	Specific Conductivity (umhos/cm)	Temperature (°C)	Turbidity (NTU)
MW-16-01	4/30/2025	0.69	60.6	7.1	1,797	11.4	1.65
	10/7/2025	1.31	28.3	7.1	2,002	17.1	1.77
MW-16-02	4/30/2025	0.23	46.3	7.0	2,185	10.9	1.76
	10/6/2025	0.37	49.2	7.1	1,922	12.7	21.9
MW-16-03	4/30/2025	0.24	11.4	6.9	2,235	12.0	1.65
	10/6/2025	0.43	14.9	7.1	2,102	12.7	0.86
MW-16-04	4/30/2025	0.55	-28.4	7.0	2,121	11.6	1.69
	10/6/2025	0.50	-44.3	7.0	1,996	11.9	2.82
MW-16-05	4/30/2025	0.43	7.6	7.0	2,109	12.1	1.06
	10/6/2025	0.64	-228.6	7.0	2,128	12.2	2.46
MW-16-06	4/30/2025	0.72	100.5	7.1	1,826	11.6	2.77
	10/7/2025	0.54	23.4	7.1	1,876	14.0	6.04
MW-16-07	4/30/2025	0.55	-42.7	7.0	1,772	11.5	3.18
	10/6/2025	0.45	-274.4	7.1	2,117	12.6	2.60

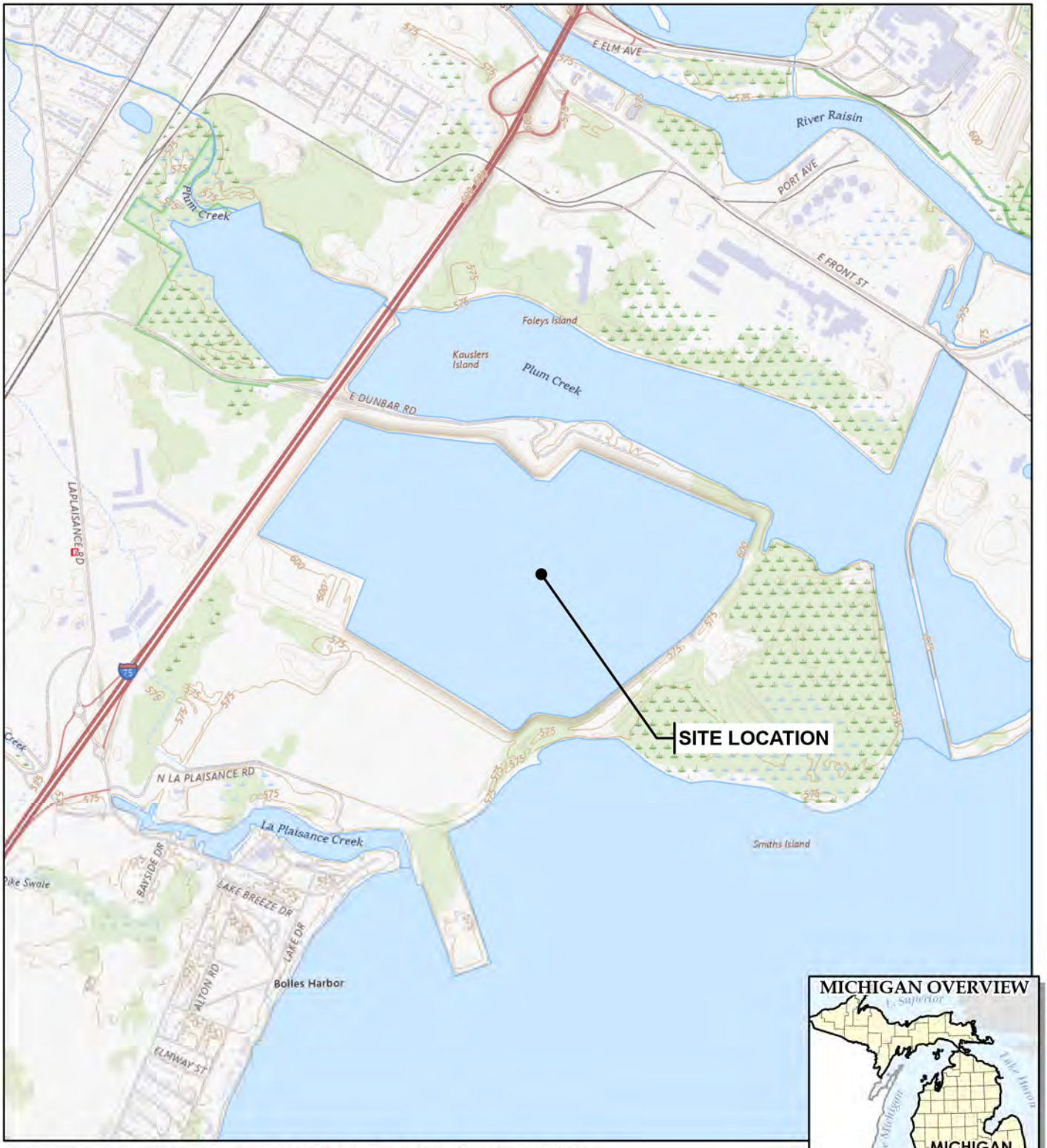
Notes:
mg/L - Milligrams per Liter.
mV - Millivolts.
SU - Standard Units.
umhos/cm - Micromhos per centimeter.
°C - Degrees Celsius.
NTU - Nephelometric Turbidity Unit.

Table 3
Comparison of Groundwater Detection Parameter Results to Background Limits – April 2025
Monroe Power Plant Fly Ash Basin and Vertical Extension Landfill
Monroe, Michigan

Sample Location:		MW-16-01		MW-16-02		MW-16-03		MW-16-04		MW-16-05		MW-16-06		MW-16-07	
Sample Date:		4/30/2025	PL	4/30/2025	PL	4/30/2025	PL	4/30/2025	PL	4/30/2025	PL	4/30/2025	PL	4/30/2025	PL
Constituent	Unit	Data		Data		Data		Data		Data		Data		Data	
Appendix III															
Boron	ug/L	300	300	450	450	490	500	190	210	260	270	340	390	200	250
Calcium	ug/L	410,000	440,000	430,000	430,000	430,000	470,000	530,000	600,000	420,000	440,000	390,000	420,000	410,000	440,000
Chloride	mg/L	10	12	13	15	19	20	34	36	12	12	12	12	8.0	12
Fluoride	mg/L	1.7	1.8	1.5	1.7	1.5	1.7	0.99	1.1	1.4	1.6	1.5	1.7	1.4	1.7
pH, Field	su	7.1	6.9 - 8.6	7.0	6.9 - 7.3	6.9	6.7 - 7.3	7.0	7.0 - 7.5	7.0	6.9 - 7.7	7.1	7.0 - 7.3	7.0	6.9 - 7.4
Sulfate	mg/L	1,500	1,600	1,500	1,700	1,600	1,700	1,400	1,500	1,500	1,600	1,500	1,600	1,500	1,600
Total Dissolved Solids	mg/L	2,100	2,200	2,300	2,300	2,200	2,400	2,000	2,300	2,100	2,200	2,200	2,300	2,100	2,200

Notes:
ug/L - micrograms per liter.
mg/L - milligrams per liter.
SU - standard units; pH is a field parameter.
All metals were analyzed as total unless otherwise specified.
Bold font indicates an exceedance of the Prediction Limit (PL).

Figures



BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.

N

1" = 2,000'
1:24,000

0 2,000 4,000 FEET

TRC

1540 Eisenhower Place
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TRC - GIS

PROJECT:
DTE ELECTRIC COMPANY
MONROE POWER PLANT
FLY ASH BASIN AND VERTICAL EXTENSION LANDFILL
7955 EAST DUNBAR ROAD
MONROE, MICHIGAN

TITLE:

SITE LOCATION MAP

DRAWN BY:	A. ADAIR
CHECKED BY:	H. SCHNAIDT
APPROVED BY:	V. BUENING
DATE:	OCTOBER 2025
PROJ. NO.:	620063.0000
FILE:	Oct2025_620063-0001_1_MONFAB_FED.aprx

FIGURE 1

T:\1-PROJECTS\DTE Energy\MonroeMI_PP\553931_0001\2-APRX\2024_Oct_DTE_MONROE.aprx -- Saved By: AADAIR on 11/18/2025, 23:57:09 PM

LEGEND

- MONITORING WELL
- APPROXIMATE SURFACE WATER SAMPLE MP-001F LOCATION
- APPROXIMATE BOUNDARY OF VERTICAL EXTENSION LANDFILL
- APPROXIMATE BOUNDARY OF FLY ASH BASIN

NOTES

1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO AND PARTNERS, (4/17/2024).
2. WELL LOCATIONS SURVEYED BY BMJ ENGINEERS & SURVEYORS, INC. IN MARCH AND MAY 2016.
3. SURFACE WATER SAMPLE LOCATION IS APPROXIMATE.

N

0 600 1,200 Feet

1 " = 600 '
1:7,200

PROJECT:	DTE ELECTRIC COMPANY MONROE POWER PLANT FLY ASH BASIN AND VERTICAL EXTENSION LANDFILL 7955 EAST DUNBAR ROAD MONROE, MICHIGAN
TITLE:	MONITORING NETWORK AND SITE PLAN
DRAWN BY:	A. ADAIR
CHECKED BY:	H. SCHNAIDT
APPROVED BY:	V. BUENING
DATE:	OCTOBER 2025
PROJ NO.:	620063.0000
	FIGURE 2

TRC
1540 EISENHOWER PLACE
ANN ARBOR, MI 48108-3284
PHONE: 734.971.7080

FILE NO.: Oct2025_620063-0001_2_MONFAB_FED.aprx

Plot Date: 11/19/2025, 00:03:31 AM by AADAIR -- LAYOUT: ANSI B(11"x17")
Path: T:\1-PROJECTS\DTE Energy\Monroe\MI_PP\553931_000\12-APRX\2024_Oct_DTE_MONROE.aprx
Coordinate System: NAD 1983 UTM Zone 17N (Meter)
Map Rotation: 0°

TRC - GIS

TRC - GIS

Coordinate System: NAD 1983 UTM Zone 17N (Meter)
Map Rotation:

Plot Date: 12/30/2025, 14:14:01 PM by WDAVIS -- LAYOUT: ANSI B(11"x17")
Path: T:\1-PROJECTS\DTE Energy\Monroe\MI_PP1553931_00012-APRX\2024_Oct_DTE_MONROE.aprx

LEGEND

- MONITORING WELL
- APPROXIMATE BOUNDARY OF FLY ASH BASIN
- APPROXIMATE BOUNDARY OF VERTICAL EXTENSION LANDFILL
- POTENTIOMETRIC SURFACE CONTOUR
- INFERRED POTENTIOMETRIC SURFACE CONTOUR
- INFERRED GROUNDWATER FLOW DIRECTION
- (577.29) STATIC WATER ELEVATION IN FEET (NAVD, 1988)

NOTES

1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO AND PARTNERS, (4/17/2024).
2. WELL LOCATIONS SURVEYED BY BMJ ENGINEERS & SURVEYORS, INC. IN MARCH AND MAY 2016.
3. GROUNDWATER ELEVATIONS DISPLAYED IN FEET RELATIVE TO NORTH AMERICAN VERTICAL DATUM OF 1988.

N

0 600 1,200 Feet

1 " = 600 '
1:7,200

PROJECT:
DTE ELECTRIC COMPANY
MONROE POWER PLANT
FLY ASH BASIN AND VERTICAL EXTENSION LANDFILL
7955 EAST DUNBAR ROAD
MONROE, MICHIGAN

TITLE:
GROUNDWATER POTENTIOMETRIC SURFACE MAP APRIL 2025

DRAWN BY:	H. DAVIS	PROJ NO.:	620063.0000
CHECKED BY:	H. SCHNAIDT		
APPROVED BY:	V. BUENING		**FIGURE 3**
DATE:	JANUARY 2026		

TRC
1540 EISENHOWER PLACE
ANN ARBOR, MI 48108-3284
PHONE: 734.971.7080

FILE NO.: JULY2025_620063-0001_MPOT.aprx

TRC - GIS

Coordinate System: NAD 1983 UTM Zone 17N (Meter)
Map Rotation:

Plot Date: 12/30/2025, 14:14:01 PM by WDAVIS -- LAYOUT: ANSI B(11"x17")
Path: T:\1-PROJECTS\DTE Energy\Monroe\MI_PP1553931_00012-APRX\2024_Oct_DTE_MONROE.aprx

LEGEND

- MONITORING WELL
- APPROXIMATE BOUNDARY OF FLY ASH BASIN
- APPROXIMATE BOUNDARY OF VERTICAL EXTENSION LANDFILL
- POTENTIOMETRIC SURFACE CONTOUR
- INFERRED POTENTIOMETRIC SURFACE CONTOUR
- INFERRED GROUNDWATER FLOW DIRECTION
- (577.29) STATIC WATER ELEVATION IN FEET (NAVD, 1988)

NOTES

1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO AND PARTNERS, (4/17/2024).
2. WELL LOCATIONS SURVEYED BY BMJ ENGINEERS & SURVEYORS, INC. IN MARCH AND MAY 2016.
3. GROUNDWATER ELEVATIONS DISPLAYED IN FEET RELATIVE TO NORTH AMERICAN VERTICAL DATUM OF 1988.

N

0 600 1,200 Feet

1 " = 600 '
1:7,200

PROJECT:
DTE ELECTRIC COMPANY
MONROE POWER PLANT
FLY ASH BASIN AND VERTICAL EXTENSION LANDFILL
7955 EAST DUNBAR ROAD
MONROE, MICHIGAN

TITLE:
GROUNDWATER POTENTIOMETRIC SURFACE MAP
OCTOBER 2025

DRAWN BY:	H. DAVIS	PROJ NO.:	620063.0000
CHECKED BY:	H. SCHNAIDT		
APPROVED BY:	V. BUENING		**FIGURE 4**
DATE:	JANUARY 2026		

TRC
1540 EISENHOWER PLACE
ANN ARBOR, MI 48108-3284
PHONE: 734.971.7080

FILE NO.: Oct2025_620063-0001_MPOT.aprx

Appendix A
Laboratory Analytical Data

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Vincent Buening
TRC Environmental Corporation.
1540 Eisenhower Place
Ann Arbor, Michigan 48108-7080

Generated 5/15/2025 6:58:25 PM

JOB DESCRIPTION

CCR DTE Monroe FAB

JOB NUMBER

240-223495-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

Generated
5/15/2025 6:58:25 PM

Authorized for release by
Kris Brooks, Project Manager II
Kris.Brooks@et.eurofinsus.com
(330)966-9790

Table of Contents

Client: TRC Environmental Corporation.
Job ID: 240-223495-1
Project/Site: CCR DTE Monroe FAB

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-223495-1 Eurofins Cleveland

Job Narrative
240-223495-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/2/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe FAB

Job ID: 240-223495-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET CLE
6020B	Metals (ICP/MS)	SW846	EET CLE
2540 C-2020	Solids, Total Dissolved (TDS)	SM	EET CLE
9056A	Anions, Ion Chromatography	SW846	EET CLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: TRC Environmental Corporation.
Job ID: 240-223495-1
Project/Site: CCR DTE Monroe FAB

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-223495-1	MW-16-02	Water	04/30/25 11:46	05/02/25 08:00
240-223495-2	MW-16-03	Water	04/30/25 12:22	05/02/25 08:00
240-223495-3	MW-16-05	Water	04/30/25 12:48	05/02/25 08:00
240-223495-4	MW-16-04	Water	04/30/25 13:11	05/02/25 08:00
240-223495-5	MP-001F	Water	04/30/25 11:12	05/02/25 08:00
240-223495-6	MW-16-06	Water	04/30/25 13:25	05/02/25 08:00
240-223495-7	MW-16-07	Water	04/30/25 11:17	05/02/25 08:00
240-223495-8	MW-16-01	Water	04/30/25 11:58	05/02/25 08:00
240-223495-9	DUP-01	Water	04/30/25 00:00	05/02/25 08:00

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe FAB

Job ID: 240-223495-1

Client Sample ID: MW-16-02 — Lab Sample ID: 240-223495-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	450		100		ug/L	1		6010D	Total Recoverable
Calcium	430000		1000		ug/L	1		6020B	Total Recoverable
Iron	240		100		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2300		20		mg/L	1		2540 C-2020	Total/NA
Chloride	13		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.5		0.050		mg/L	1		9056A	Total/NA
Sulfate	1500		10		mg/L	10		9056A	Total/NA

Client Sample ID: MW-16-03 — Lab Sample ID: 240-223495-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	490		100		ug/L	1		6010D	Total Recoverable
Calcium	430000		1000		ug/L	1		6020B	Total Recoverable
Iron	960		100		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2200		20		mg/L	1		2540 C-2020	Total/NA
Chloride	19		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.5		0.050		mg/L	1		9056A	Total/NA
Sulfate	1600		10		mg/L	10		9056A	Total/NA

Client Sample ID: MW-16-05 — Lab Sample ID: 240-223495-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	260		100		ug/L	1		6010D	Total Recoverable
Calcium	420000		1000		ug/L	1		6020B	Total Recoverable
Iron	950		100		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2100		20		mg/L	1		2540 C-2020	Total/NA
Chloride	12		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.4		0.050		mg/L	1		9056A	Total/NA
Sulfate	1500		10		mg/L	10		9056A	Total/NA

Client Sample ID: MW-16-04 — Lab Sample ID: 240-223495-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	190		100		ug/L	1		6010D	Total Recoverable
Calcium	530000		1000		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2000		20		mg/L	1		2540 C-2020	Total/NA
Chloride	34		1.0		mg/L	1		9056A	Total/NA
Fluoride	0.99		0.050		mg/L	1		9056A	Total/NA
Sulfate	1400		10		mg/L	10		9056A	Total/NA

Client Sample ID: MP-001F — Lab Sample ID: 240-223495-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	1500		100		ug/L	1		6010D	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe FAB

Job ID: 240-223495-1

Client Sample ID: MP-001F (Continued) — Lab Sample ID: 240-223495-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Calcium	66000		1000		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	410		10		mg/L	1		2540 C-2020	Total/NA
Chloride	23		1.0		mg/L	1		9056A	Total/NA
Fluoride	0.38		0.050		mg/L	1		9056A	Total/NA
Sulfate	220		5.0		mg/L	5		9056A	Total/NA

Client Sample ID: MW-16-06 — Lab Sample ID: 240-223495-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	340		100		ug/L	1		6010D	Total Recoverable
Calcium	390000		1000		ug/L	1		6020B	Total Recoverable
Iron	120		100		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2200		20		mg/L	1		2540 C-2020	Total/NA
Chloride	12		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.5		0.050		mg/L	1		9056A	Total/NA
Sulfate	1500		10		mg/L	10		9056A	Total/NA

Client Sample ID: MW-16-07 — Lab Sample ID: 240-223495-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	200		100		ug/L	1		6010D	Total Recoverable
Calcium	410000		1000		ug/L	1		6020B	Total Recoverable
Iron	750		100		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2100		20		mg/L	1		2540 C-2020	Total/NA
Chloride	8.0		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.4		0.050		mg/L	1		9056A	Total/NA
Sulfate	1500		10		mg/L	10		9056A	Total/NA

Client Sample ID: MW-16-01 — Lab Sample ID: 240-223495-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	300		100		ug/L	1		6010D	Total Recoverable
Calcium	410000		1000		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2100		20		mg/L	1		2540 C-2020	Total/NA
Chloride	10		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.7		0.050		mg/L	1		9056A	Total/NA
Sulfate	1500		10		mg/L	10		9056A	Total/NA

Client Sample ID: DUP-01 — Lab Sample ID: 240-223495-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	270		100		ug/L	1		6010D	Total Recoverable
Calcium	420000		1000		ug/L	1		6020B	Total Recoverable
Iron	970		100		ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-01 (Continued)

Lab Sample ID: 240-223495-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	2100		20		mg/L	1		2540 C-2020	Total/NA
Chloride	12		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.4		0.050		mg/L	1		9056A	Total/NA
Sulfate	1500		10		mg/L	10		9056A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe FAB

Job ID: 240-223495-1

Client Sample ID: MW-16-02

Date Collected: 04/30/25 11:46
Date Received: 05/02/25 08:00

Lab Sample ID: 240-223495-1

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	450		100		ug/L		05/06/25 05:00	05/07/25 01:19	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	430000		1000		ug/L		05/06/25 05:00	05/07/25 13:35	1
Iron	240		100		ug/L		05/06/25 05:00	05/07/25 13:35	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2300		20		mg/L			05/06/25 09:32	1
Chloride (SW846 9056A)	13		1.0		mg/L			05/13/25 20:49	1
Fluoride (SW846 9056A)	1.5		0.050		mg/L			05/13/25 20:49	1
Sulfate (SW846 9056A)	1500		10		mg/L			05/13/25 20:58	10

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe FAB

Job ID: 240-223495-1

Client Sample ID: MW-16-03

Date Collected: 04/30/25 12:22
Date Received: 05/02/25 08:00

Lab Sample ID: 240-223495-2

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	490		100		ug/L		05/06/25 05:00	05/07/25 02:28	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	430000		1000		ug/L		05/06/25 05:00	05/07/25 13:55	1
Iron	960		100		ug/L		05/06/25 05:00	05/07/25 13:55	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2200		20		mg/L			05/06/25 09:32	1
Chloride (SW846 9056A)	19		1.0		mg/L			05/13/25 21:27	1
Fluoride (SW846 9056A)	1.5		0.050		mg/L			05/13/25 21:27	1
Sulfate (SW846 9056A)	1600		10		mg/L			05/13/25 21:37	10

Client: TRC Environmental Corporation.
Job ID: 240-223495-1
Project/Site: CCR DTE Monroe FAB

Client Sample ID: MW-16-05
Lab Sample ID: 240-223495-3
Date Collected: 04/30/25 12:48
Matrix: Water
Date Received: 05/02/25 08:00

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	260		100		ug/L		05/06/25 05:00	05/07/25 02:33	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	420000		1000		ug/L		05/06/25 05:00	05/07/25 13:58	1
Iron	950		100		ug/L		05/06/25 05:00	05/07/25 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2100		20		mg/L			05/06/25 09:32	1
Chloride (SW846 9056A)	12		1.0		mg/L			05/13/25 22:16	1
Fluoride (SW846 9056A)	1.4		0.050		mg/L			05/13/25 22:16	1
Sulfate (SW846 9056A)	1500		10		mg/L			05/13/25 22:25	10

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe FAB

Job ID: 240-223495-1

Client Sample ID: MW-16-04
Date Collected: 04/30/25 13:11
Date Received: 05/02/25 08:00

Lab Sample ID: 240-223495-4
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	190		100		ug/L		05/06/25 05:00	05/07/25 02:37	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	530000		1000		ug/L		05/06/25 05:00	05/07/25 14:00	1
Iron	100	U	100		ug/L		05/06/25 05:00	05/07/25 14:00	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2000		20		mg/L			05/06/25 09:32	1
Chloride (SW846 9056A)	34		1.0		mg/L			05/13/25 22:35	1
Fluoride (SW846 9056A)	0.99		0.050		mg/L			05/13/25 22:35	1
Sulfate (SW846 9056A)	1400		10		mg/L			05/13/25 22:44	10

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe FAB

Job ID: 240-223495-1

Client Sample ID: MP-001F
Date Collected: 04/30/25 11:12
Date Received: 05/02/25 08:00

Lab Sample ID: 240-223495-5
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	1500		100		ug/L		05/06/25 05:00	05/07/25 02:42	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	66000		1000		ug/L		05/06/25 05:00	05/07/25 14:03	1
Iron	100	U	100		ug/L		05/06/25 05:00	05/07/25 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	410		10		mg/L			05/06/25 09:32	1
Chloride (SW846 9056A)	23		1.0		mg/L			05/13/25 22:54	1
Fluoride (SW846 9056A)	0.38		0.050		mg/L			05/13/25 22:54	1
Sulfate (SW846 9056A)	220		5.0		mg/L			05/15/25 11:13	5

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe FAB

Job ID: 240-223495-1

Client Sample ID: MW-16-06

Date Collected: 04/30/25 13:25
Date Received: 05/02/25 08:00

Lab Sample ID: 240-223495-6

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	340		100		ug/L		05/06/25 05:00	05/07/25 02:56	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	390000		1000		ug/L		05/06/25 05:00	05/07/25 14:05	1
Iron	120		100		ug/L		05/06/25 05:00	05/07/25 14:05	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2200		20		mg/L			05/06/25 09:32	1
Chloride (SW846 9056A)	12		1.0		mg/L			05/13/25 23:23	1
Fluoride (SW846 9056A)	1.5		0.050		mg/L			05/13/25 23:23	1
Sulfate (SW846 9056A)	1500		10		mg/L			05/13/25 23:33	10

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe FAB

Job ID: 240-223495-1

Client Sample ID: MW-16-07
Date Collected: 04/30/25 11:17
Date Received: 05/02/25 08:00

Lab Sample ID: 240-223495-7
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	200		100		ug/L		05/06/25 05:00	05/07/25 03:00	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	410000		1000		ug/L		05/06/25 05:00	05/07/25 14:08	1
Iron	750		100		ug/L		05/06/25 05:00	05/07/25 14:08	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2100		20		mg/L			05/06/25 09:32	1
Chloride (SW846 9056A)	8.0		1.0		mg/L			05/13/25 23:42	1
Fluoride (SW846 9056A)	1.4		0.050		mg/L			05/13/25 23:42	1
Sulfate (SW846 9056A)	1500		10		mg/L			05/13/25 23:52	10

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe FAB

Job ID: 240-223495-1

Client Sample ID: MW-16-01
Date Collected: 04/30/25 11:58
Date Received: 05/02/25 08:00

Lab Sample ID: 240-223495-8
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	300		100		ug/L		05/06/25 05:00	05/07/25 03:05	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	410000		1000		ug/L		05/06/25 05:00	05/07/25 14:10	1
Iron	100	U	100		ug/L		05/06/25 05:00	05/07/25 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2100		20		mg/L			05/06/25 09:32	1
Chloride (SW846 9056A)	10		1.0		mg/L			05/14/25 00:02	1
Fluoride (SW846 9056A)	1.7		0.050		mg/L			05/14/25 00:02	1
Sulfate (SW846 9056A)	1500		10		mg/L			05/14/25 00:11	10

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe FAB

Job ID: 240-223495-1

Client Sample ID: DUP-01

Date Collected: 04/30/25 00:00
Date Received: 05/02/25 08:00

Lab Sample ID: 240-223495-9

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	270		100		ug/L		05/06/25 05:00	05/07/25 03:10	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	420000		1000		ug/L		05/06/25 05:00	05/07/25 14:13	1
Iron	970		100		ug/L		05/06/25 05:00	05/07/25 14:13	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2100		20		mg/L			05/06/25 09:32	1
Chloride (SW846 9056A)	12		1.0		mg/L			05/14/25 00:21	1
Fluoride (SW846 9056A)	1.4		0.050		mg/L			05/14/25 00:21	1
Sulfate (SW846 9056A)	1500		10		mg/L			05/14/25 00:31	10

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-654748/1-A
Matrix: Water
Analysis Batch: 654898

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 654748

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	100	U	100		ug/L		05/06/25 05:00	05/07/25 01:11	1

Lab Sample ID: LCS 240-654748/2-A
Matrix: Water
Analysis Batch: 654898

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 654748

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1000	1060		ug/L		106	80 - 120		

Lab Sample ID: 240-223495-1 MS
Matrix: Water
Analysis Batch: 654898

Client Sample ID: MW-16-02
Prep Type: Total Recoverable
Prep Batch: 654748

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	450		1000	1500		ug/L		105	75 - 125		

Lab Sample ID: 240-223495-1 MSD
Matrix: Water
Analysis Batch: 654898

Client Sample ID: MW-16-02
Prep Type: Total Recoverable
Prep Batch: 654748

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	450		1000	1450		ug/L		100	75 - 125	3	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 240-654748/1-A
Matrix: Water
Analysis Batch: 655180

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 654748

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	1000	U	1000		ug/L		05/06/25 05:00	05/07/25 13:30	1
Iron	100	U	100		ug/L		05/06/25 05:00	05/07/25 13:30	1

Lab Sample ID: LCS 240-654748/3-A
Matrix: Water
Analysis Batch: 655180

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 654748

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium			25000	24600		ug/L		98	80 - 120		
Iron			5000	4970		ug/L		99	80 - 120		

Lab Sample ID: 240-223495-1 MS
Matrix: Water
Analysis Batch: 655180

Client Sample ID: MW-16-02
Prep Type: Total Recoverable
Prep Batch: 654748

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium	430000		25000	443000	4	ug/L		67	80 - 120		
Iron	240		5000	5440		ug/L		104	80 - 120		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 240-223495-1 MSD — **Client Sample ID: MW-16-02**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 655180 — **Prep Batch: 654748**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	430000		25000	438000	4	ug/L		45	80 - 120	1	20
Iron	240		5000	5580		ug/L		107	80 - 120	2	20

Method: 2540 C-2020 - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 240-654893/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 654893

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10	U	10		mg/L			05/06/25 09:32	1

Lab Sample ID: LCS 240-654893/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 654893

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			176	160		mg/L		91	80 - 120		

Lab Sample ID: 240-223495-1 DU — **Client Sample ID: MW-16-02**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 654893

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2300			2180		mg/L				5	20

Lab Sample ID: 240-223495-5 DU — **Client Sample ID: MP-001F**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 654893

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	410			393		mg/L				3	20

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 240-655874/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 655874

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0		mg/L			05/13/25 17:35	1
Fluoride	0.050	U	0.050		mg/L			05/13/25 17:35	1
Sulfate	1.0	U	1.0		mg/L			05/13/25 17:35	1

Lab Sample ID: LCS 240-655874/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 655874

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	48.7		mg/L		97	90 - 110		

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 240-655874/4
Matrix: Water
Analysis Batch: 655874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	2.50	2.50		mg/L		100	90 - 110
Sulfate	50.0	49.8		mg/L		100	90 - 110

Lab Sample ID: MB 240-656066/3
Matrix: Water
Analysis Batch: 656066

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0	mg/L			05/15/25 08:24	1
Fluoride	0.050	U	0.050	mg/L			05/15/25 08:24	1
Sulfate	1.0	U	1.0	mg/L			05/15/25 08:24	1

Lab Sample ID: LCS 240-656066/4
Matrix: Water
Analysis Batch: 656066

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	50.4		mg/L		101	90 - 110
Fluoride	2.50	2.46		mg/L		98	90 - 110
Sulfate	50.0	51.1		mg/L		102	90 - 110

Metals

Prep Batch: 654748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-223495-1	MW-16-02	Total Recoverable	Water	3005A	
240-223495-2	MW-16-03	Total Recoverable	Water	3005A	
240-223495-3	MW-16-05	Total Recoverable	Water	3005A	
240-223495-4	MW-16-04	Total Recoverable	Water	3005A	
240-223495-5	MP-001F	Total Recoverable	Water	3005A	
240-223495-6	MW-16-06	Total Recoverable	Water	3005A	
240-223495-7	MW-16-07	Total Recoverable	Water	3005A	
240-223495-8	MW-16-01	Total Recoverable	Water	3005A	
240-223495-9	DUP-01	Total Recoverable	Water	3005A	
MB 240-654748/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-654748/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCS 240-654748/3-A	Lab Control Sample	Total Recoverable	Water	3005A	
240-223495-1 MS	MW-16-02	Total Recoverable	Water	3005A	
240-223495-1 MS	MW-16-02	Total Recoverable	Water	3005A	
240-223495-1 MSD	MW-16-02	Total Recoverable	Water	3005A	
240-223495-1 MSD	MW-16-02	Total Recoverable	Water	3005A	

Analysis Batch: 654898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-223495-1	MW-16-02	Total Recoverable	Water	6010D	654748
240-223495-2	MW-16-03	Total Recoverable	Water	6010D	654748
240-223495-3	MW-16-05	Total Recoverable	Water	6010D	654748
240-223495-4	MW-16-04	Total Recoverable	Water	6010D	654748
240-223495-5	MP-001F	Total Recoverable	Water	6010D	654748
240-223495-6	MW-16-06	Total Recoverable	Water	6010D	654748
240-223495-7	MW-16-07	Total Recoverable	Water	6010D	654748
240-223495-8	MW-16-01	Total Recoverable	Water	6010D	654748
240-223495-9	DUP-01	Total Recoverable	Water	6010D	654748
MB 240-654748/1-A	Method Blank	Total Recoverable	Water	6010D	654748
LCS 240-654748/2-A	Lab Control Sample	Total Recoverable	Water	6010D	654748
240-223495-1 MS	MW-16-02	Total Recoverable	Water	6010D	654748
240-223495-1 MSD	MW-16-02	Total Recoverable	Water	6010D	654748

Analysis Batch: 655180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-223495-1	MW-16-02	Total Recoverable	Water	6020B	654748
240-223495-2	MW-16-03	Total Recoverable	Water	6020B	654748
240-223495-3	MW-16-05	Total Recoverable	Water	6020B	654748
240-223495-4	MW-16-04	Total Recoverable	Water	6020B	654748
240-223495-5	MP-001F	Total Recoverable	Water	6020B	654748
240-223495-6	MW-16-06	Total Recoverable	Water	6020B	654748
240-223495-7	MW-16-07	Total Recoverable	Water	6020B	654748
240-223495-8	MW-16-01	Total Recoverable	Water	6020B	654748
240-223495-9	DUP-01	Total Recoverable	Water	6020B	654748
MB 240-654748/1-A	Method Blank	Total Recoverable	Water	6020B	654748
LCS 240-654748/3-A	Lab Control Sample	Total Recoverable	Water	6020B	654748
240-223495-1 MS	MW-16-02	Total Recoverable	Water	6020B	654748
240-223495-1 MSD	MW-16-02	Total Recoverable	Water	6020B	654748

General Chemistry

Analysis Batch: 654893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-223495-1	MW-16-02	Total/NA	Water	2540 C-2020	
240-223495-2	MW-16-03	Total/NA	Water	2540 C-2020	
240-223495-3	MW-16-05	Total/NA	Water	2540 C-2020	
240-223495-4	MW-16-04	Total/NA	Water	2540 C-2020	
240-223495-5	MP-001F	Total/NA	Water	2540 C-2020	
240-223495-6	MW-16-06	Total/NA	Water	2540 C-2020	
240-223495-7	MW-16-07	Total/NA	Water	2540 C-2020	
240-223495-8	MW-16-01	Total/NA	Water	2540 C-2020	
240-223495-9	DUP-01	Total/NA	Water	2540 C-2020	
MB 240-654893/1	Method Blank	Total/NA	Water	2540 C-2020	
LCS 240-654893/2	Lab Control Sample	Total/NA	Water	2540 C-2020	
240-223495-1 DU	MW-16-02	Total/NA	Water	2540 C-2020	
240-223495-5 DU	MP-001F	Total/NA	Water	2540 C-2020	

Analysis Batch: 655874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-223495-1	MW-16-02	Total/NA	Water	9056A	
240-223495-1	MW-16-02	Total/NA	Water	9056A	
240-223495-2	MW-16-03	Total/NA	Water	9056A	
240-223495-2	MW-16-03	Total/NA	Water	9056A	
240-223495-3	MW-16-05	Total/NA	Water	9056A	
240-223495-3	MW-16-05	Total/NA	Water	9056A	
240-223495-4	MW-16-04	Total/NA	Water	9056A	
240-223495-4	MW-16-04	Total/NA	Water	9056A	
240-223495-5	MP-001F	Total/NA	Water	9056A	
240-223495-6	MW-16-06	Total/NA	Water	9056A	
240-223495-6	MW-16-06	Total/NA	Water	9056A	
240-223495-7	MW-16-07	Total/NA	Water	9056A	
240-223495-7	MW-16-07	Total/NA	Water	9056A	
240-223495-8	MW-16-01	Total/NA	Water	9056A	
240-223495-8	MW-16-01	Total/NA	Water	9056A	
240-223495-9	DUP-01	Total/NA	Water	9056A	
240-223495-9	DUP-01	Total/NA	Water	9056A	
MB 240-655874/3	Method Blank	Total/NA	Water	9056A	
LCS 240-655874/4	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 656066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-223495-5	MP-001F	Total/NA	Water	9056A	
MB 240-656066/3	Method Blank	Total/NA	Water	9056A	
LCS 240-656066/4	Lab Control Sample	Total/NA	Water	9056A	

Lab Chronicle

Client: TRC Environmental Corporation.
Job ID: 240-223495-1
Project/Site: CCR DTE Monroe FAB

Client Sample ID: MW-16-02
Lab Sample ID: 240-223495-1
Date Collected: 04/30/25 11:46
Matrix: Water
Date Received: 05/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6010D		1	654898	AJC	EET CLE	05/07/25 01:19
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6020B		1	655180	S4FJ	EET CLE	05/07/25 13:35
Total/NA	Analysis	2540 C-2020		1	654893	AAP	EET CLE	05/06/25 09:32
Total/NA	Analysis	9056A		1	655874	JMR	EET CLE	05/13/25 20:49
Total/NA	Analysis	9056A		10	655874	JMR	EET CLE	05/13/25 20:58

Client Sample ID: MW-16-03
Lab Sample ID: 240-223495-2
Date Collected: 04/30/25 12:22
Matrix: Water
Date Received: 05/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6010D		1	654898	AJC	EET CLE	05/07/25 02:28
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6020B		1	655180	S4FJ	EET CLE	05/07/25 13:55
Total/NA	Analysis	2540 C-2020		1	654893	AAP	EET CLE	05/06/25 09:32
Total/NA	Analysis	9056A		1	655874	JMR	EET CLE	05/13/25 21:27
Total/NA	Analysis	9056A		10	655874	JMR	EET CLE	05/13/25 21:37

Client Sample ID: MW-16-05
Lab Sample ID: 240-223495-3
Date Collected: 04/30/25 12:48
Matrix: Water
Date Received: 05/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6010D		1	654898	AJC	EET CLE	05/07/25 02:33
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6020B		1	655180	S4FJ	EET CLE	05/07/25 13:58
Total/NA	Analysis	2540 C-2020		1	654893	AAP	EET CLE	05/06/25 09:32
Total/NA	Analysis	9056A		1	655874	JMR	EET CLE	05/13/25 22:16
Total/NA	Analysis	9056A		10	655874	JMR	EET CLE	05/13/25 22:25

Client Sample ID: MW-16-04
Lab Sample ID: 240-223495-4
Date Collected: 04/30/25 13:11
Matrix: Water
Date Received: 05/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6010D		1	654898	AJC	EET CLE	05/07/25 02:37
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6020B		1	655180	S4FJ	EET CLE	05/07/25 14:00
Total/NA	Analysis	2540 C-2020		1	654893	AAP	EET CLE	05/06/25 09:32

Lab Chronicle

Client: TRC Environmental Corporation.
Job ID: 240-223495-1
Project/Site: CCR DTE Monroe FAB

Client Sample ID: MW-16-04
Lab Sample ID: 240-223495-4
Date Collected: 04/30/25 13:11
Matrix: Water
Date Received: 05/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		1	655874	JMR	EET CLE	05/13/25 22:35
Total/NA	Analysis	9056A		10	655874	JMR	EET CLE	05/13/25 22:44

Client Sample ID: MP-001F
Lab Sample ID: 240-223495-5
Date Collected: 04/30/25 11:12
Matrix: Water
Date Received: 05/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6010D		1	654898	AJC	EET CLE	05/07/25 02:42
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6020B		1	655180	S4FJ	EET CLE	05/07/25 14:03
Total/NA	Analysis	2540 C-2020		1	654893	AAP	EET CLE	05/06/25 09:32
Total/NA	Analysis	9056A		1	655874	JMR	EET CLE	05/13/25 22:54
Total/NA	Analysis	9056A		5	656066	JMR	EET CLE	05/15/25 11:13

Client Sample ID: MW-16-06
Lab Sample ID: 240-223495-6
Date Collected: 04/30/25 13:25
Matrix: Water
Date Received: 05/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6010D		1	654898	AJC	EET CLE	05/07/25 02:56
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6020B		1	655180	S4FJ	EET CLE	05/07/25 14:05
Total/NA	Analysis	2540 C-2020		1	654893	AAP	EET CLE	05/06/25 09:32
Total/NA	Analysis	9056A		1	655874	JMR	EET CLE	05/13/25 23:23
Total/NA	Analysis	9056A		10	655874	JMR	EET CLE	05/13/25 23:33

Client Sample ID: MW-16-07
Lab Sample ID: 240-223495-7
Date Collected: 04/30/25 11:17
Matrix: Water
Date Received: 05/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6010D		1	654898	AJC	EET CLE	05/07/25 03:00
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6020B		1	655180	S4FJ	EET CLE	05/07/25 14:08
Total/NA	Analysis	2540 C-2020		1	654893	AAP	EET CLE	05/06/25 09:32
Total/NA	Analysis	9056A		1	655874	JMR	EET CLE	05/13/25 23:42
Total/NA	Analysis	9056A		10	655874	JMR	EET CLE	05/13/25 23:52

Lab Chronicle

Client: TRC Environmental Corporation.
Job ID: 240-223495-1
Project/Site: CCR DTE Monroe FAB

Client Sample ID: MW-16-01
Lab Sample ID: 240-223495-8

Date Collected: 04/30/25 11:58
Matrix: Water
Date Received: 05/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6010D		1	654898	AJC	EET CLE	05/07/25 03:05
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6020B		1	655180	S4FJ	EET CLE	05/07/25 14:10
Total/NA	Analysis	2540 C-2020		1	654893	AAP	EET CLE	05/06/25 09:32
Total/NA	Analysis	9056A		1	655874	JMR	EET CLE	05/14/25 00:02
Total/NA	Analysis	9056A		10	655874	JMR	EET CLE	05/14/25 00:11

Client Sample ID: DUP-01
Lab Sample ID: 240-223495-9

Date Collected: 04/30/25 00:00
Matrix: Water
Date Received: 05/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6010D		1	654898	AJC	EET CLE	05/07/25 03:10
Total Recoverable	Prep	3005A			654748	BN	EET CLE	05/06/25 05:00
Total Recoverable	Analysis	6020B		1	655180	S4FJ	EET CLE	05/07/25 14:13
Total/NA	Analysis	2540 C-2020		1	654893	AAP	EET CLE	05/06/25 09:32
Total/NA	Analysis	9056A		1	655874	JMR	EET CLE	05/14/25 00:21
Total/NA	Analysis	9056A		10	655874	JMR	EET CLE	05/14/25 00:31

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Job ID: 240-223495-1
Project/Site: CCR DTE Monroe FAB

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-28-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-01-26
North Dakota	State	R-244	02-27-26
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-25

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

0.8/1.3

Chain of Custody Record

MICHIGAN 190

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Client Information	Sampler: A. Whaley, A Host, Emielgorash	Lab PM: Brooks, Kris M	Carrier Tracking No(s):	COC No: 240-132146-45397.1
Client Contact: Mr. Vincent Buening	Phone:	E-Mail: Kris.Brooks@et.eurofinsus.com	State of Origin: MI	Page: Page 1 of 1
Company: TRC Environmental Corporation.	PWSID:			Job #:
Address: 1540 Eisenhower Place	Due Date Requested: Standard			
City: Ann Arbor	TAT Requested (days): Standard			
State, Zip: MI, 48108-7080	Compliance Project: Δ Yes Δ No			
Phone: 313-971-7080(Tel) 313-971-9022(Fax)	PO #: 229280			
Email: vbuening@trccompanies.com	WO #: 620063.0000.0000			
Project Name: CCR DTE Monroe FAB	Project #: 24016830			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3

Other:

240-223495 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C_Calcd - TDS	9056A_28D - Chloride, Fluoride and Sulfate	6010B-Bo, 6020-Ca,Fe	Total Number of containers	Special
			Preservation Code:				N	N	D		
MW-16-02	4/30/25	1146	G	Water	2	2	X	X	X	3	
MW-16-03		1222	G	Water	2	2	X	X	X	3	
MW-16-05		1248	G	Water	2	2	X	X	X	3	
MW-16-04		1311	G	Water	2	2	X	X	X	3	
MP-001F		11:12	G	Water	N	N	X	X	X	3	
MW-16-06		13:25	G	Water	N	N	X	X	X	3	
MW-16-07		11:17	G	Water	N	N	X	X	X	3	
MW-16-01		11:58	G	Water	N	N	X	X	X	3	
Dup-01	4/30/25	—	G	Water	N	N	X	X	X	3	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) TRC EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company		Date/Time:	Company
Relinquished by:	4/30/25 1500	TRC	Received by: TRC Storage	4/30/25 1500	TRC
Relinquished by:	5/1/25 10:11	TRC	Received by:	5/1/25 1014	FAT
Relinquished by:	5/1/25 1120	FAT	Received by:	5-2-25 800	EC

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

5/15/2025

Eurofins – Cleveland Sample Receipt Form/Narrative Login #
Barberton Facility

Client TRC Site Name

Cooler unpacked by:

Cooler Received on 5-2-25 Opened on 5-2-25

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 13 (CF +0.5 °C) Observed Cooler Temp 0.8 °C Corrected Cooler Temp 1.3 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3 Shippers' packing slip attached to the cooler(s)?	Yes	No
4 Did custody papers accompany the sample(s)?	Yes	No
5 Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6 Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7 Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	Yes	No
11 Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC457151
14 Were VOAs on the COC?	Yes	No
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this	Yes	No NA
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #	Yes	No
17 Was a LL Hg or Me Hg trip blank present?	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by: MM Smith

Labels Verified by: JMOROSKO

19 SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container
Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory
Time preserved Preservative(s) added/Lot number(s).

VOA Sample Preservation - Date/Time VOAs Frozen.

5/2/2025

Login Container Summary Report

240-223495

5/15/2025

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
MW-16-02	240-223495-A-1	Plastic 60 mL - unpreserved				
MW-16-02	240-223495-B-1	Plastic 500ml - unpreserved				
MW-16-02	240-223495-C-1	Plastic 500ml - with Nitric Acid	<2			
MW-16-03	240-223495-A-2	Plastic 60 mL - unpreserved				
MW-16-03	240-223495-B-2	Plastic 500ml - unpreserved				
MW-16-03	240-223495-C-2	Plastic 500ml - with Nitric Acid	<2			
MW-16-05	240-223495-A-3	Plastic 60 mL - unpreserved				
MW-16-05	240-223495-B-3	Plastic 500ml - unpreserved				
MW-16-05	240-223495-C-3	Plastic 500ml - with Nitric Acid	<2			
MW-16-04	240-223495-A-4	Plastic 60 mL - unpreserved				
MW-16-04	240-223495-B-4	Plastic 500ml - unpreserved				
MW-16-04	240-223495-C-4	Plastic 500ml - with Nitric Acid	<2			
MP-001F	240-223495-A-5	Plastic 60 mL - unpreserved				
MP-001F	240-223495-B-5	Plastic 500ml - unpreserved				
MP-001F	240-223495-C-5	Plastic 500ml - with Nitric Acid	<2			
MW-16-06	240-223495-A-6	Plastic 60 mL - unpreserved				
MW-16-06	240-223495-B-6	Plastic 500ml - unpreserved				
MW-16-06	240-223495-C-6	Plastic 500ml - with Nitric Acid	<2			
MW-16-07	240-223495-A-7	Plastic 60 mL - unpreserved				
MW-16-07	240-223495-B-7	Plastic 500ml - unpreserved				
MW-16-07	240-223495-C-7	Plastic 500ml - with Nitric Acid	<2			
MW-16-01	240-223495-A-8	Plastic 60 mL - unpreserved				
MW-16-01	240-223495-B-8	Plastic 500ml - unpreserved				
MW-16-01	240-223495-C-8	Plastic 500ml - with Nitric Acid	<2			
DUP-01	240-223495-A-9	Plastic 60 mL - unpreserved				
DUP-01	240-223495-B-9	Plastic 500ml - unpreserved				
DUP-01	240-223495-C-9	Plastic 500ml - with Nitric Acid	<2			

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Vincent Buening
TRC Environmental Corporation.
1540 Eisenhower Place
Ann Arbor, Michigan 48108-7080

Generated 10/15/2025 9:47:49 PM

JOB DESCRIPTION

CCR DTE Monroe Plant FAB/VEL

JOB NUMBER

240-234880-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

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10/15/2025 9:47:49 PM

Authorized for release by
Kris Brooks, Manager of Project Management
Kris.Brooks@et.eurofinsus.com
(330)966-9790

Table of Contents

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-234880-1 Eurofins Cleveland

Job Narrative
240-234880-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/9/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.8°C, 1.0°C and 1.2°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: TRC Environmental Corporation.
Job ID: 240-234880-1
Project/Site: CCR DTE Monroe Plant FAB/VEL

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET CLE
6020B	Metals (ICP/MS)	SW846	EET CLE
2540 C-2020	Solids, Total Dissolved (TDS)	SM	EET CLE
9056A	Anions, Ion Chromatography	SW846	EET CLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: TRC Environmental Corporation.
Job ID: 240-234880-1
Project/Site: CCR DTE Monroe Plant FAB/VEL

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-234880-1	MW-16-01	Water	10/06/25 12:06	10/09/25 08:00	Michigan
240-234880-2	MW-16-02	Water	10/07/25 09:36	10/09/25 08:00	Michigan
240-234880-3	MW-16-03	Water	10/06/25 11:28	10/09/25 08:00	Michigan
240-234880-4	MW-16-04	Water	10/06/25 10:41	10/09/25 08:00	Michigan
240-234880-5	MW-16-05	Water	10/06/25 10:56	10/09/25 08:00	Michigan
240-234880-6	MW-16-06	Water	10/07/25 11:36	10/09/25 08:00	Michigan
240-234880-7	MW-16-07	Water	10/06/25 12:15	10/09/25 08:00	Michigan
240-234880-8	DUP-01	Water	10/06/25 00:00	10/09/25 08:00	Michigan

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe Plant FAB/VEL

Job ID: 240-234880-1

Client Sample ID: MW-16-01 — Lab Sample ID: 240-234880-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	270		100		ug/L	1		6010D	Total Recoverable
Calcium	400000		1000		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2100		20		mg/L	1		2540 C-2020	Total/NA
Chloride	10		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.6		0.050		mg/L	1		9056A	Total/NA
Sulfate	1400		10		mg/L	10		9056A	Total/NA

Client Sample ID: MW-16-02 — Lab Sample ID: 240-234880-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	420		100		ug/L	1		6010D	Total Recoverable
Calcium	400000		1000		ug/L	1		6020B	Total Recoverable
Iron	470		100		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2200		20		mg/L	1		2540 C-2020	Total/NA
Chloride	13		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.5		0.050		mg/L	1		9056A	Total/NA
Sulfate	1500		10		mg/L	10		9056A	Total/NA

Client Sample ID: MW-16-03 — Lab Sample ID: 240-234880-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	470		100		ug/L	1		6010D	Total Recoverable
Calcium	390000		1000		ug/L	1		6020B	Total Recoverable
Iron	890		100		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2200		20		mg/L	1		2540 C-2020	Total/NA
Chloride	18		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.5		0.050		mg/L	1		9056A	Total/NA
Sulfate	1500		10		mg/L	10		9056A	Total/NA

Client Sample ID: MW-16-04 — Lab Sample ID: 240-234880-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	190		100		ug/L	1		6010D	Total Recoverable
Calcium	500000		1000		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2000		20		mg/L	1		2540 C-2020	Total/NA
Chloride	35		1.0		mg/L	1		9056A	Total/NA
Fluoride	0.95		0.050		mg/L	1		9056A	Total/NA
Sulfate	1300		10		mg/L	10		9056A	Total/NA

Client Sample ID: MW-16-05 — Lab Sample ID: 240-234880-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	230		100		ug/L	1		6010D	Total Recoverable
Calcium	410000		1000		ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation.
Job ID: 240-234880-1
Project/Site: CCR DTE Monroe Plant FAB/VEL

Client Sample ID: MW-16-05 (Continued)
Lab Sample ID: 240-234880-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Iron	950		100		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2000		20		mg/L	1		2540 C-2020	Total/NA
Chloride	11		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.4		0.050		mg/L	1		9056A	Total/NA
Sulfate	1400		10		mg/L	10		9056A	Total/NA

Client Sample ID: MW-16-06
Lab Sample ID: 240-234880-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	330		100		ug/L	1		6010D	Total Recoverable
Calcium	410000		1000		ug/L	1		6020B	Total Recoverable
Iron	700		100		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2000		20		mg/L	1		2540 C-2020	Total/NA
Chloride	11		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.5		0.050		mg/L	1		9056A	Total/NA
Sulfate	1100		10		mg/L	10		9056A	Total/NA

Client Sample ID: MW-16-07
Lab Sample ID: 240-234880-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	200		100		ug/L	1		6010D	Total Recoverable
Calcium	410000		1000		ug/L	1		6020B	Total Recoverable
Iron	700		100		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2000		20		mg/L	1		2540 C-2020	Total/NA
Chloride	7.8		1.0		mg/L	1		9056A	Total/NA
Fluoride	1.4		0.050		mg/L	1		9056A	Total/NA
Sulfate	1400		10		mg/L	10		9056A	Total/NA

Client Sample ID: DUP-01
Lab Sample ID: 240-234880-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	170		100		ug/L	1		6010D	Total Recoverable
Calcium	540000		1000		ug/L	1		6020B	Total Recoverable
Total Dissolved Solids	2000		20		mg/L	1		2540 C-2020	Total/NA
Chloride	35		1.0		mg/L	1		9056A	Total/NA
Fluoride	0.95		0.050		mg/L	1		9056A	Total/NA
Sulfate	1400		10		mg/L	10		9056A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Environmental Corporation.
Job ID: 240-234880-1
Project/Site: CCR DTE Monroe Plant FAB/VEL

Client Sample ID: MW-16-01
Lab Sample ID: 240-234880-1
Date Collected: 10/06/25 12:06
Matrix: Water
Date Received: 10/09/25 08:00

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	270		100		ug/L		10/10/25 14:00	10/13/25 23:28	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	400000		1000		ug/L		10/10/25 14:00	10/13/25 21:34	1
Iron	100	U	100		ug/L		10/10/25 14:00	10/13/25 21:34	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2100		20		mg/L			10/10/25 08:56	1
Chloride (SW846 9056A)	10		1.0		mg/L			10/11/25 03:11	1
Fluoride (SW846 9056A)	1.6		0.050		mg/L			10/11/25 03:11	1
Sulfate (SW846 9056A)	1400		10		mg/L			10/11/25 03:20	10

Client: TRC Environmental Corporation.
Job ID: 240-234880-1
Project/Site: CCR DTE Monroe Plant FAB/VEL

Client Sample ID: MW-16-02
Lab Sample ID: 240-234880-2
Date Collected: 10/07/25 09:36
Matrix: Water
Date Received: 10/09/25 08:00

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	420		100		ug/L		10/10/25 14:00	10/14/25 16:44	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	400000		1000		ug/L		10/10/25 14:00	10/13/25 21:47	1
Iron	470		100		ug/L		10/10/25 14:00	10/13/25 21:47	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2200		20		mg/L			10/10/25 11:55	1
Chloride (SW846 9056A)	13		1.0		mg/L			10/11/25 03:30	1
Fluoride (SW846 9056A)	1.5		0.050		mg/L			10/11/25 03:30	1
Sulfate (SW846 9056A)	1500		10		mg/L			10/11/25 03:57	10

Client: TRC Environmental Corporation.
Job ID: 240-234880-1
Project/Site: CCR DTE Monroe Plant FAB/VEL

Client Sample ID: MW-16-03
Lab Sample ID: 240-234880-3
Date Collected: 10/06/25 11:28
Matrix: Water
Date Received: 10/09/25 08:00

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	470		100		ug/L		10/10/25 14:00	10/14/25 16:48	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	390000		1000		ug/L		10/10/25 14:00	10/13/25 21:50	1
Iron	890		100		ug/L		10/10/25 14:00	10/13/25 21:50	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2200		20		mg/L			10/10/25 08:56	1
Chloride (SW846 9056A)	18		1.0		mg/L			10/11/25 04:06	1
Fluoride (SW846 9056A)	1.5		0.050		mg/L			10/11/25 04:06	1
Sulfate (SW846 9056A)	1500		10		mg/L			10/11/25 04:15	10

Client: TRC Environmental Corporation.
Job ID: 240-234880-1
Project/Site: CCR DTE Monroe Plant FAB/VEL

Client Sample ID: MW-16-04
Lab Sample ID: 240-234880-4
Date Collected: 10/06/25 10:41
Matrix: Water
Date Received: 10/09/25 08:00

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	190		100		ug/L		10/10/25 14:00	10/14/25 16:53	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	500000		1000		ug/L		10/10/25 14:00	10/13/25 21:57	1
Iron	100	U	100		ug/L		10/10/25 14:00	10/13/25 21:57	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2000		20		mg/L			10/10/25 08:56	1
Chloride (SW846 9056A)	35		1.0		mg/L			10/11/25 04:25	1
Fluoride (SW846 9056A)	0.95		0.050		mg/L			10/11/25 04:25	1
Sulfate (SW846 9056A)	1300		10		mg/L			10/11/25 04:34	10

Client: TRC Environmental Corporation.
Job ID: 240-234880-1
Project/Site: CCR DTE Monroe Plant FAB/VEL

Client Sample ID: MW-16-05
Lab Sample ID: 240-234880-5
Date Collected: 10/06/25 10:56
Matrix: Water
Date Received: 10/09/25 08:00

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	230		100		ug/L		10/10/25 14:00	10/14/25 16:57	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	410000		1000		ug/L		10/10/25 14:00	10/13/25 22:00	1
Iron	950		100		ug/L		10/10/25 14:00	10/13/25 22:00	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2000		20		mg/L			10/10/25 08:56	1
Chloride (SW846 9056A)	11		1.0		mg/L			10/11/25 04:43	1
Fluoride (SW846 9056A)	1.4		0.050		mg/L			10/11/25 04:43	1
Sulfate (SW846 9056A)	1400		10		mg/L			10/11/25 04:52	10

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: CCR DTE Monroe Plant FAB/VEL

Job ID: 240-234880-1

Client Sample ID: MW-16-06
Date Collected: 10/07/25 11:36
Date Received: 10/09/25 08:00

Lab Sample ID: 240-234880-6
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	330		100		ug/L		10/10/25 14:00	10/14/25 17:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	410000		1000		ug/L		10/10/25 14:00	10/13/25 22:03	1
Iron	700		100		ug/L		10/10/25 14:00	10/13/25 22:03	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2000		20		mg/L			10/13/25 09:07	1
Chloride (SW846 9056A)	11		1.0		mg/L			10/11/25 05:01	1
Fluoride (SW846 9056A)	1.5		0.050		mg/L			10/11/25 05:01	1
Sulfate (SW846 9056A)	1100		10		mg/L			10/11/25 05:10	10

Client: TRC Environmental Corporation.
Job ID: 240-234880-1
Project/Site: CCR DTE Monroe Plant FAB/VEL

Client Sample ID: MW-16-07
Lab Sample ID: 240-234880-7
Date Collected: 10/06/25 12:15
Matrix: Water
Date Received: 10/09/25 08:00

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	200		100		ug/L		10/10/25 14:00	10/14/25 17:05	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	410000		1000		ug/L		10/10/25 14:00	10/13/25 22:05	1
Iron	700		100		ug/L		10/10/25 14:00	10/13/25 22:05	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2000		20		mg/L			10/10/25 08:56	1
Chloride (SW846 9056A)	7.8		1.0		mg/L			10/11/25 05:20	1
Fluoride (SW846 9056A)	1.4		0.050		mg/L			10/11/25 05:20	1
Sulfate (SW846 9056A)	1400		10		mg/L			10/11/25 05:47	10

Client Sample ID: DUP-01
Lab Sample ID: 240-234880-8
Date Collected: 10/06/25 00:00
Matrix: Water
Date Received: 10/09/25 08:00

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	170		100		ug/L		10/10/25 14:00	10/14/25 17:10	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	540000		1000		ug/L		10/10/25 14:00	10/13/25 22:08	1
Iron	100	U	100		ug/L		10/10/25 14:00	10/13/25 22:08	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540 C-2020)	2000		20		mg/L			10/10/25 08:56	1
Chloride (SW846 9056A)	35		1.0		mg/L			10/11/25 05:56	1
Fluoride (SW846 9056A)	0.95		0.050		mg/L			10/11/25 05:56	1
Sulfate (SW846 9056A)	1400		10		mg/L			10/11/25 06:06	10

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-675460/1-A
Matrix: Water
Analysis Batch: 675788

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 675460

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	100	U	100		ug/L		10/10/25 14:00	10/13/25 23:19	1

Lab Sample ID: LCS 240-675460/2-A
Matrix: Water
Analysis Batch: 675788

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 675460

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1000	1090		ug/L		109	80 - 120		

Lab Sample ID: 240-234880-1 MS
Matrix: Water
Analysis Batch: 676032

Client Sample ID: MW-16-01
Prep Type: Total Recoverable
Prep Batch: 675460

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	270		1000	1310		ug/L		104	75 - 125		

Lab Sample ID: 240-234880-1 MSD
Matrix: Water
Analysis Batch: 676032

Client Sample ID: MW-16-01
Prep Type: Total Recoverable
Prep Batch: 675460

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	270		1000	1320		ug/L		105	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 240-675460/1-A
Matrix: Water
Analysis Batch: 675773

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 675460

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	1000	U	1000		ug/L		10/10/25 14:00	10/13/25 21:29	1
Iron	100	U	100		ug/L		10/10/25 14:00	10/13/25 21:29	1

Lab Sample ID: LCS 240-675460/3-A
Matrix: Water
Analysis Batch: 675773

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 675460

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium			25000	25100		ug/L		100	80 - 120		
Iron			5000	4890		ug/L		98	80 - 120		

Lab Sample ID: 240-234880-1 MS
Matrix: Water
Analysis Batch: 675773

Client Sample ID: MW-16-01
Prep Type: Total Recoverable
Prep Batch: 675460

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium	400000		25000	408000	4	ug/L		35	80 - 120		
Iron	100	U	5000	4960		ug/L		99	80 - 120		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 240-234880-1 MSD — **Client Sample ID: MW-16-01**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 675773 — **Prep Batch: 675460**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	400000		25000	430000	4	ug/L		123	80 - 120	5	20
Iron	100	U	5000	5130		ug/L		103	80 - 120	3	20

Method: 2540 C-2020 - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 240-675431/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 675431

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10	U	10		mg/L			10/10/25 08:56	1

Lab Sample ID: LCS 240-675431/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 675431

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			495	536		mg/L		108	80 - 120		

Lab Sample ID: 240-234880-1 DU — **Client Sample ID: MW-16-01**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 675431

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2100			2060		mg/L				2	20

Lab Sample ID: 240-234880-8 DU — **Client Sample ID: DUP-01**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 675431

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2000			1970		mg/L				3	20

Lab Sample ID: MB 240-675503/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 675503

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10	U	10		mg/L			10/10/25 11:55	1

Lab Sample ID: LCS 240-675503/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 675503

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			495	523		mg/L		106	80 - 120		

Method: 2540 C-2020 - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 240-675694/1
Matrix: Water
Analysis Batch: 675694

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10	U	10		mg/L			10/13/25 09:07	1

Lab Sample ID: LCS 240-675694/2
Matrix: Water
Analysis Batch: 675694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			495	528		mg/L		107	80 - 120		

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 240-675517/3
Matrix: Water
Analysis Batch: 675517

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0		mg/L			10/11/25 02:07	1
Fluoride	0.050	U	0.050		mg/L			10/11/25 02:07	1
Sulfate	1.0	U	1.0		mg/L			10/11/25 02:07	1

Lab Sample ID: LCS 240-675517/4
Matrix: Water
Analysis Batch: 675517

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	49.1		mg/L		98	90 - 110		
Fluoride			2.50	2.50		mg/L		100	90 - 110		
Sulfate			50.0	50.0		mg/L		100	90 - 110		

Metals

Prep Batch: 675460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-234880-1	MW-16-01	Total Recoverable	Water	3005A	
240-234880-2	MW-16-02	Total Recoverable	Water	3005A	
240-234880-3	MW-16-03	Total Recoverable	Water	3005A	
240-234880-4	MW-16-04	Total Recoverable	Water	3005A	
240-234880-5	MW-16-05	Total Recoverable	Water	3005A	
240-234880-6	MW-16-06	Total Recoverable	Water	3005A	
240-234880-7	MW-16-07	Total Recoverable	Water	3005A	
240-234880-8	DUP-01	Total Recoverable	Water	3005A	
MB 240-675460/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-675460/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCS 240-675460/3-A	Lab Control Sample	Total Recoverable	Water	3005A	
240-234880-1 MS	MW-16-01	Total Recoverable	Water	3005A	
240-234880-1 MS	MW-16-01	Total Recoverable	Water	3005A	
240-234880-1 MSD	MW-16-01	Total Recoverable	Water	3005A	
240-234880-1 MSD	MW-16-01	Total Recoverable	Water	3005A	

Analysis Batch: 675773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-234880-1	MW-16-01	Total Recoverable	Water	6020B	675460
240-234880-2	MW-16-02	Total Recoverable	Water	6020B	675460
240-234880-3	MW-16-03	Total Recoverable	Water	6020B	675460
240-234880-4	MW-16-04	Total Recoverable	Water	6020B	675460
240-234880-5	MW-16-05	Total Recoverable	Water	6020B	675460
240-234880-6	MW-16-06	Total Recoverable	Water	6020B	675460
240-234880-7	MW-16-07	Total Recoverable	Water	6020B	675460
240-234880-8	DUP-01	Total Recoverable	Water	6020B	675460
MB 240-675460/1-A	Method Blank	Total Recoverable	Water	6020B	675460
LCS 240-675460/3-A	Lab Control Sample	Total Recoverable	Water	6020B	675460
240-234880-1 MS	MW-16-01	Total Recoverable	Water	6020B	675460
240-234880-1 MSD	MW-16-01	Total Recoverable	Water	6020B	675460

Analysis Batch: 675788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-234880-1	MW-16-01	Total Recoverable	Water	6010D	675460
MB 240-675460/1-A	Method Blank	Total Recoverable	Water	6010D	675460
LCS 240-675460/2-A	Lab Control Sample	Total Recoverable	Water	6010D	675460

Analysis Batch: 676032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-234880-2	MW-16-02	Total Recoverable	Water	6010D	675460
240-234880-3	MW-16-03	Total Recoverable	Water	6010D	675460
240-234880-4	MW-16-04	Total Recoverable	Water	6010D	675460
240-234880-5	MW-16-05	Total Recoverable	Water	6010D	675460
240-234880-6	MW-16-06	Total Recoverable	Water	6010D	675460
240-234880-7	MW-16-07	Total Recoverable	Water	6010D	675460
240-234880-8	DUP-01	Total Recoverable	Water	6010D	675460
240-234880-1 MS	MW-16-01	Total Recoverable	Water	6010D	675460
240-234880-1 MSD	MW-16-01	Total Recoverable	Water	6010D	675460

General Chemistry

Analysis Batch: 675431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-234880-1	MW-16-01	Total/NA	Water	2540 C-2020	
240-234880-3	MW-16-03	Total/NA	Water	2540 C-2020	
240-234880-4	MW-16-04	Total/NA	Water	2540 C-2020	
240-234880-5	MW-16-05	Total/NA	Water	2540 C-2020	
240-234880-7	MW-16-07	Total/NA	Water	2540 C-2020	
240-234880-8	DUP-01	Total/NA	Water	2540 C-2020	
MB 240-675431/1	Method Blank	Total/NA	Water	2540 C-2020	
LCS 240-675431/2	Lab Control Sample	Total/NA	Water	2540 C-2020	
240-234880-1 DU	MW-16-01	Total/NA	Water	2540 C-2020	
240-234880-8 DU	DUP-01	Total/NA	Water	2540 C-2020	

Analysis Batch: 675503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-234880-2	MW-16-02	Total/NA	Water	2540 C-2020	
MB 240-675503/1	Method Blank	Total/NA	Water	2540 C-2020	
LCS 240-675503/2	Lab Control Sample	Total/NA	Water	2540 C-2020	

Analysis Batch: 675517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-234880-1	MW-16-01	Total/NA	Water	9056A	
240-234880-1	MW-16-01	Total/NA	Water	9056A	
240-234880-2	MW-16-02	Total/NA	Water	9056A	
240-234880-2	MW-16-02	Total/NA	Water	9056A	
240-234880-3	MW-16-03	Total/NA	Water	9056A	
240-234880-3	MW-16-03	Total/NA	Water	9056A	
240-234880-4	MW-16-04	Total/NA	Water	9056A	
240-234880-4	MW-16-04	Total/NA	Water	9056A	
240-234880-5	MW-16-05	Total/NA	Water	9056A	
240-234880-5	MW-16-05	Total/NA	Water	9056A	
240-234880-6	MW-16-06	Total/NA	Water	9056A	
240-234880-6	MW-16-06	Total/NA	Water	9056A	
240-234880-7	MW-16-07	Total/NA	Water	9056A	
240-234880-7	MW-16-07	Total/NA	Water	9056A	
240-234880-8	DUP-01	Total/NA	Water	9056A	
240-234880-8	DUP-01	Total/NA	Water	9056A	
MB 240-675517/3	Method Blank	Total/NA	Water	9056A	
LCS 240-675517/4	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 675694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-234880-6	MW-16-06	Total/NA	Water	2540 C-2020	
MB 240-675694/1	Method Blank	Total/NA	Water	2540 C-2020	
LCS 240-675694/2	Lab Control Sample	Total/NA	Water	2540 C-2020	

Client Sample ID: MW-16-01

Lab Sample ID: 240-234880-1

Date Collected: 10/06/25 12:06

Matrix: Water

Date Received: 10/09/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6010D		1	675788	KLC	EET CLE	10/13/25 23:28
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6020B		1	675773	S4FJ	EET CLE	10/13/25 21:34
Total/NA	Analysis	2540 C-2020		1	675431	C5SV	EET CLE	10/10/25 08:56
Total/NA	Analysis	9056A		1	675517	JMR	EET CLE	10/11/25 03:11
Total/NA	Analysis	9056A		10	675517	JMR	EET CLE	10/11/25 03:20

Client Sample ID: MW-16-02

Lab Sample ID: 240-234880-2

Date Collected: 10/07/25 09:36

Matrix: Water

Date Received: 10/09/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6010D		1	676032	RKT	EET CLE	10/14/25 16:44
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6020B		1	675773	S4FJ	EET CLE	10/13/25 21:47
Total/NA	Analysis	2540 C-2020		1	675503	AAP	EET CLE	10/10/25 11:55
Total/NA	Analysis	9056A		1	675517	JMR	EET CLE	10/11/25 03:30
Total/NA	Analysis	9056A		10	675517	JMR	EET CLE	10/11/25 03:57

Client Sample ID: MW-16-03

Lab Sample ID: 240-234880-3

Date Collected: 10/06/25 11:28

Matrix: Water

Date Received: 10/09/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6010D		1	676032	RKT	EET CLE	10/14/25 16:48
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6020B		1	675773	S4FJ	EET CLE	10/13/25 21:50
Total/NA	Analysis	2540 C-2020		1	675431	C5SV	EET CLE	10/10/25 08:56
Total/NA	Analysis	9056A		1	675517	JMR	EET CLE	10/11/25 04:06
Total/NA	Analysis	9056A		10	675517	JMR	EET CLE	10/11/25 04:15

Client Sample ID: MW-16-04

Lab Sample ID: 240-234880-4

Date Collected: 10/06/25 10:41

Matrix: Water

Date Received: 10/09/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6010D		1	676032	RKT	EET CLE	10/14/25 16:53
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6020B		1	675773	S4FJ	EET CLE	10/13/25 21:57
Total/NA	Analysis	2540 C-2020		1	675431	C5SV	EET CLE	10/10/25 08:56

Client Sample ID: MW-16-04

Lab Sample ID: 240-234880-4

Date Collected: 10/06/25 10:41

Matrix: Water

Date Received: 10/09/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		1	675517	JMR	EET CLE	10/11/25 04:25
Total/NA	Analysis	9056A		10	675517	JMR	EET CLE	10/11/25 04:34

Client Sample ID: MW-16-05

Lab Sample ID: 240-234880-5

Date Collected: 10/06/25 10:56

Matrix: Water

Date Received: 10/09/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6010D		1	676032	RKT	EET CLE	10/14/25 16:57
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6020B		1	675773	S4FJ	EET CLE	10/13/25 22:00
Total/NA	Analysis	2540 C-2020		1	675431	C5SV	EET CLE	10/10/25 08:56
Total/NA	Analysis	9056A		1	675517	JMR	EET CLE	10/11/25 04:43
Total/NA	Analysis	9056A		10	675517	JMR	EET CLE	10/11/25 04:52

Client Sample ID: MW-16-06

Lab Sample ID: 240-234880-6

Date Collected: 10/07/25 11:36

Matrix: Water

Date Received: 10/09/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6010D		1	676032	RKT	EET CLE	10/14/25 17:01
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6020B		1	675773	S4FJ	EET CLE	10/13/25 22:03
Total/NA	Analysis	2540 C-2020		1	675694	TAV2	EET CLE	10/13/25 09:07
Total/NA	Analysis	9056A		1	675517	JMR	EET CLE	10/11/25 05:01
Total/NA	Analysis	9056A		10	675517	JMR	EET CLE	10/11/25 05:10

Client Sample ID: MW-16-07

Lab Sample ID: 240-234880-7

Date Collected: 10/06/25 12:15

Matrix: Water

Date Received: 10/09/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6010D		1	676032	RKT	EET CLE	10/14/25 17:05
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6020B		1	675773	S4FJ	EET CLE	10/13/25 22:05
Total/NA	Analysis	2540 C-2020		1	675431	C5SV	EET CLE	10/10/25 08:56
Total/NA	Analysis	9056A		1	675517	JMR	EET CLE	10/11/25 05:20
Total/NA	Analysis	9056A		10	675517	JMR	EET CLE	10/11/25 05:47

Lab Chronicle

Client: TRC Environmental Corporation.
Job ID: 240-234880-1
Project/Site: CCR DTE Monroe Plant FAB/VEL

Client Sample ID: DUP-01
Lab Sample ID: 240-234880-8

Date Collected: 10/06/25 00:00
Matrix: Water

Date Received: 10/09/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6010D		1	676032	RKT	EET CLE	10/14/25 17:10
Total Recoverable	Prep	3005A			675460	MN7X	EET CLE	10/10/25 14:00
Total Recoverable	Analysis	6020B		1	675773	S4FJ	EET CLE	10/13/25 22:08
Total/NA	Analysis	2540 C-2020		1	675431	C5SV	EET CLE	10/10/25 08:56
Total/NA	Analysis	9056A		1	675517	JMR	EET CLE	10/11/25 05:56
Total/NA	Analysis	9056A		10	675517	JMR	EET CLE	10/11/25 06:06

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: TRC Environmental Corporation. Job ID: 240-234880-1
Project/Site: CCR DTE Monroe Plant FAB/VEL

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-26
Iowa	State	421	06-01-27
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-28-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	2250	09-30-26
New Jersey	NELAP	OH001	06-30-26
New York	NELAP	10975	04-01-26
North Dakota	State	R-244	02-27-26
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-26
Texas	NELAP	T104704517	08-31-26
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-26
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-26

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

MICHIGAN 190

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: E.Wojcicki A. Yaasin	Lab PM: Brooks, Kris M	Carrier Tracking No(s):	COC No: 240-137402-41639.1
Client Contact: Mr. Vincent Buening	Phone: 959-273-2016	E-Mail: Kris.Brooks@et.eurofinsus.com	State of Origin: MI	Page: Page 1 of 1
Company: TRC Environmental Corporation.	PWSID:			Job #:
Address: 1540 Eisenhower Place	Due Date Requested: Standard			
City: Ann Arbor	TAT Requested (days): Standard			
State, Zip: MI, 48108-7080	Compliance Project: Δ Yes Δ No			
Phone: 313-971-7080(Tel) 313-971-9022(Fax)	PO #: 229280			
Email: vbuening@trccompanies.com	WO #:			
Project Name: CCR DTE Monroe Plant FAB/VEL	Project #: 24016830			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3

240-234880 COC

Other:

G81
M127

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C_Calcd - TDS	9056A_28D - Chloride, Fluoride and Sulfate	6010B Bo, 6020 ca, Fe												Total Number of containers	Special Instructions/Note:
	Preservation Code:						N	N	D													
MW-16-01	10/6/25	1206	G	Water	N	N	X	X	X													
MW-16-02	10/7/25	0936	G	Water	N	N	X	X	X													
MW-16-03	10/6/25	1128	G	Water	N	N	X	X	X													
MW-16-04	10/6/25	1041	G	Water	N	N	X	X	X													
MW-16-05	10/6/25	1056	G	Water	N	N	X	X	X													
MW-16-06	10/7/25	1136	G	Water	N	N	X	X	X													
MW-16-07	10/6/25	1215	G	Water	N	N	X	X	X													
DUP-01	10/6/25	—	G	Water	N	N	X	X	X													
MP-001F				Water																		
				Water																		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
E Wojcicki	10/7/25 1320	TRC	TRC Sample Fridge	10/7/25 1320	TRC
E Wojcicki	10/8/25 0946	TRC		10/8/25 0946	FEDEX
	10/8/25 0946	FEDEX		10/9/25 0800	DT

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins – Cleveland Sample Receipt Form/Narrative — Logn # _____
Barberton Facility

Client TRC Environmental Site Name _____ Cooler unpacked by

Cooler Received on 10/9/25 Opened on 10/9/25

FedEx· 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used Bubble Wrap Foam Plastic Bag None Other _____

COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # _____ (CF _____ °C) Observed Cooler Temp _____ °C Corrected Cooler Temp _____ °C

2.	Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	Yes No
	-Were the seals on the outside of the cooler(s) signed & dated?	Yes No NA
	-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes No
	-Were tamper/custody seals intact and uncompromised?	Yes No NA
3	Shippers' packing slip attached to the cooler(s)?	Yes No
4.	Did custody papers accompany the sample(s)?	Yes No
5	Were the custody papers relinquished & signed in the appropriate place?	Yes No
6	Was/were the person(s) who collected the samples clearly identified on the COC?	Yes No
7	Did all bottles arrive in good condition (Unbroken)?	Yes No
8	Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes No
9	For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	
10	Were correct bottle(s) used for the test(s) indicated?	Yes No
11	Sufficient quantity received to perform indicated analyses?	Yes No
12.	Are these work share samples and all listed on the COC?	Yes No
	If yes, Questions 13 17 have been checked at the originating laboratory	
13	Were all preserved sample(s) at the correct pH upon receipt?	Yes No NA pH Strip Lot# HC567196
14	Were VOAs on the COC?	Yes No
15	Were air bubbles >6 mm in any VOA vials? ● ← Larger than this	Yes No NA
16	Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes No
17	Was a LL Hg or Me Hg trip blank present? _____	Yes No

Tests that are not checked for pH by Receiving

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18 CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by

Labels Verified by·

_____

_____

_____

_____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20 SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved _____ Preservative(s) added/Lot number(s) _____

VOA Sample Preservation Date/Time VOAs Frozen _____

Login # ______________

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
[✓ EC] Client Box Other	IR GUN #: 13	0 2	0 8	[✓ Wet Ice] Blue Ice Dry Ice Water None
[✓ EC] Client Box Other	IR GUN #: |	0 6	1.2	[✓ Wet Ice] Blue Ice Dry Ice Water None
[✓ EC] Client Box Other	IR GUN #: |	0 4	1.0	[✓ Wet Ice] Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
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EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None

☐ See Temperature Excursion Form

WI-NC-099 Cooler Receipt Form Page 2 – Multiple Coolers

10/9/2025

Login Container Summary Report

240-234880

10/15/2025

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
MW-16-01	240-234880-A-1	Plastic 60 mL - unpreserved				
MW-16-01	240-234880-B-1	Plastic 500ml unpreserved				
MW-16-01	240 234880-C-1	Plastic 500ml - with Nitric Acid	<2			
MW-16-02	240-234880-A-2	Plastic 60 mL - unpreserved				
MW-16-02	240-234880-B-2	Plastic 500ml - unpreserved				
MW-16-02	240-234880-C-2	Plastic 500ml - with Nitric Acid	<2			
MW-16-03	240-234880-A-3	Plastic 60 mL - unpreserved				
MW-16-03	240-234880-B-3	Plastic 500ml - unpreserved				
MW 16-03	240-234880-C-3	Plastic 500ml - with Nitric Acid	<2			
MW-16-04	240-234880 A-4	Plastic 60 mL - unpreserved				
MW-16-04	240-234880 B-4	Plastic 500ml - unpreserved				
MW-16-04	240-234880-C-4	Plastic 500ml - with Nitric Acid	<2			
MW-16-05	240-234880-A 5	Plastic 60 mL - unpreserved				
MW-16-05	240-234880-B-5	Plastic 500ml unpreserved				
MW 16-05	240-234880-C-5	Plastic 500ml - with Nitric Acid	<2			
MW-16-06	240-234880-A-6	Plastic 60 mL unpreserved				
MW-16-06	240-234880-B-6	Plastic 500ml - unpreserved				
MW-16-06	240-234880-C-6	Plastic 500ml - with Nitric Acid	<2			
MW-16-07	240-234880-A-7	Plastic 60 mL - unpreserved				
MW-16-07	240-234880 B 7	Plastic 500ml - unpreserved				
MW-16-07	240-234880-C-7	Plastic 500ml with Nitric Acid	<2			
DUP-01	240-234880 A-8	Plastic 60 mL - unpreserved				
DUP-01	240-234880-B-8	Plastic 500ml - unpreserved				
DUP-01	240 234880-C-8	Plastic 500ml - with Nitric Acid	<2			

Appendix B
Field Data

TRC

PROJECT NAME: DTE MON FAB/VEL 1SA25 GW Sampling

PROJECT NUMBER: 620063.0000.0000

PROJECT MANAGER: 7955 Vincent Buening

SITE LOCATION: E. Dunbar Rd
Monroe, MI 48161

DATES OF FIELDWORK: 4/30/25
~~4/29/2025 TO 5/1/2025~~

PURPOSE OF FIELDWORK: Semiannual Groundwater Sampling

WORK PERFORMED BY: A. Whaley, A. Kast, E. Wielgopolski

SIGNED 5/01/25 DATE

CHECKED BY 5-1-25 DATE

TRC Daily Safety Meeting Sign-in

Daily Hazard Review Topic:

☐ Aboveground Storage Tanks	☒ Animals	☒ Briars or Thistles
☒ Client Activities	☒ Cold Stress	☒ Cutting Tools
☐ Drums	☒ Dust/Particulates	☒ Ergonomic Issues
☐ Facility Conveyors	☒ Facility Equipment/ Machinery	☒ Facility Piping - above ground
☒ Fences	☒ Field Equipment	☒ Field Vehicle
☒ Flooded Areas	☒ Flying Debris/ Eye Injuries	☒ Hand Tools
☐ Heat Stress	☒ Heavy Equipment	☒ Heavy Lifting
☒ Housekeeping	☐ Ice (thin)	☒ Insects
☒ Long Hours/Fatigue	☐ Material Handling	☐ Noise
☐ Overhead Hazards	☐ Pedestrian Traffic	☐ Power Washing Equipment
☒ Sample Preservative Chemicals	☐ Severe Weather	☒ Sharp Objects
☒ Slippery Ground/Surfaces	☒ Slips, Trips, and Falls	☒ Steep Slopes or Banks
☒ Sunburn	☐ Surface Water	☒ Terrain
☒ Traffic	☐ Trip Hazards	☒ Uneven Surfaces
☐ Utilities – Overhead	☐ Utilities – Underground	☒ Waterways

Acknowledgment Statement:

As an affected employee of TRC, I hereby acknowledge that I have reviewed the contents of this site-specific RA and HASP, and that I will use the applicable personal protective equipment (PPE) and follow the procedures specified in the HASP as it pertains to the scope of the work to be performed today.

Signatures of all onsite TRC Personnel, including Direct-Hires (Required):

Signature	Date
[illegible]	4/30/25
[illegible]	4/30/25
[illegible]	4/30/25
[illegible]	4/30/25

TRC

GENERAL NOTES

PROJECT NAME:	DTE MON FAB/VEL 1SA25 GW	DATE: 4/30/25	TIME ARRIVED: 7:20
PROJECT NUMBER:	620063.0000.0000	AUTHOR: AW (AK) EW	TIME LEFT: 14:00

WEATHER

TEMPERATURE: 40-~~58~~ 62 °F WIND: 10 MPH VISIBILITY: Clear

WORK / SAMPLING PERFORMED

Meet with site contact @ gate for access
Collect water levels & pressure readings
Sample MP-001F ~~& MW-05S~~

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
Eric Molnar	DTE	Site Contact: 586-318-3814
Vince Buening	TRC	PM - Updates

INVESTIGATION DERIVED WASTE SUMMARY

WASTE MATRIX	QUANTITY	COMMENTS
GW	NM	Purged to ground

Adam Kent 5/1/25
SIGNED DATE

S Wright 5/1/25
CHECKED BY DATE

TRC

GENERAL NOTES

PROJECT NAME:	DTE MON FAB/VEL 1SA25 GW	DATE: 4/30/25	TIME ARRIVED: 0730
PROJECT NUMBER:	620063.0000.0000	AUTHOR: AW AK (EW)	TIME LEFT: 1400

WEATHER

TEMPERATURE: 56° °F WIND: 8 MPH VISIBILITY: Clear

WORK / SAMPLING PERFORMED

Tailgate safety meeting

Sampled wells: MW-16-02, MW-16-03, MW-16-04 MW-16-05

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
Eric Molnar	DTE	Site Contact: 586-318-3814
Vince Buening	TRC	PM - Updates

INVESTIGATION DERIVED WASTE SUMMARY

WASTE MATRIX	QUANTITY	COMMENTS
GW	NM	Purged to ground

SIGNED 5/01/25 DATE

CHECKED BY 5-1-25 DATE

TRC

GENERAL NOTES

PROJECT NAME:	DTE MON FAB/VEL 1SA25 GW	DATE: 4/30/25	TIME ARRIVED: 07:00
PROJECT NUMBER:	620063.0000.0000	AUTHOR: (AW) AK EW	TIME LEFT: 14:15

WEATHER

TEMPERATURE: 42-56 °F WIND: 0-12 MPH VISIBILITY: Mostly Sunny

WORK / SAMPLING PERFORMED

Tailgate Safety Meeting
water levels

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
~~Eric Molnar~~ Jason Miller	DTE	Site Contact: ~~586-318-3814~~ (AW)
Vince Buening	TRC	PM - Updates

INVESTIGATION DERIVED WASTE SUMMARY

WASTE MATRIX	QUANTITY	COMMENTS
GW	NM	Purged to ground

SIGNED 5/1/25 DATE

CHECKED BY 5/01/25 DATE

TRC

EQUIPMENT SUMMARY

PROJECT NAME:	DTE MON FAB/VEL 1SA25	SAMPLER NAME:	A. Whaley, A. Kast, E. Wielgopolski
PROJECT NO.:	620063.0000.0000		

WATER LEVEL MEASUREMENTS COLLECTED WITH:

NAME AND MODEL OF INSTRUMENT	SERIAL NUMBER (IF APPLICABLE)
HERON DIPPER-T	PROJECT DEDICATED

PRODUCT LEVEL MEASUREMENTS COLLECTED WITH:

NAME AND MODEL OF INSTRUMENT	SERIAL NUMBER (IF APPLICABLE)
NA	NA

DEPTH TO BOTTOM OF WELL MEASUREMENTS COLLECTED WITH:

NAME AND MODEL OF INSTRUMENT	SERIAL NUMBER (IF APPLICABLE)
NA	NA

PURGING METHOD

NAME AND MODEL OF PUMP OR TYPE OF BAILER	SERIAL NUMBER (IF APPLICABLE)
BLADDER PUMP (DEDICATED)	PROJECT DEDICATED

SAMPLING METHOD

NAME AND MODEL OF PUMP OR TYPE OF BAILER	SERIAL NUMBER (IF APPLICABLE)
BLADDER PUMP (DEDICATED)	PROJECT DEDICATED
NAME AND MODEL OF FILTERATION DEVICE	FILTER TYPE AND SIZE
GEOTECH DISPOSABLE FILTER	0.45 MICRON
TUBING TYPE	☑ LOW-FLOW SAMPLING EVENT
DEDICATED POLY TUBING	

PURGE WATER DISPOSAL METHOD

☑ GROUND ☐ DRUM ☐ POTW ☐ POLYTANK ☐ OTHER _____

DECONTAMINATION AND FIELD BLANK WATER SOURCE

POTABLE WATER SOURCE	DI WATER SOURCE
STORE BOUGHT	STORE BOUGHT
SIGNED: [signature] DATE: 4/30/25	CHECKED BY: [signature] DATE: 5-1-25

REVISED 04/2019

TRC

WATER LEVEL DATA

PROJECT NAME:	DTE MON FAB/VEL 1SA25 GW Sampling	DATE: 4/30/25
PROJECT NUMBER:	620063.0000.0000	AUTHOR: (AW) AK EW

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-16-07	8:15	TOC	~~+11.55~~ +5.43 AW	NM	NA	NM
MW-16-01	8:25	TOC	4.45	NM	NA	NM
MW-16-06	8:45	TOC	+0.15	NM	NA	NM
MW-16-02	8:50	TOC	+3.67	NM	NA	NM
MW-16-03	0905	TOC	+11.13	NM	NA	NM
MW-16-05	0919	TOC	+14.62	NM	NA	NM
MW-16-04	1000	TOC	+13.84	NM	NA	NM

ALL WATER LEVELS MUST INCLUDE REFERENCE POINT AND TAPE CORRECTION FACTOR
(E.G., 1.1 + 0.00 T/PVC).

SIGNED 5/1/25 DATE

CHECKED 05/01/25 DATE

TRC

WATER QUALITY METER CALIBRATION LOG

PROJECT NAME:	DTE MON FAB/VEL 1SA25 GW Sampling	MODEL:	Aqua Troll 600	SAMPLER:	AW AK EW
PROJECT NO.:	620063.0000.0000	SERIAL #:	Ann Arbor	DATE:	4/30/25

PH CALIBRATION CHECK

pH 7 (LOT #): 456404 (EXP. DATE): ~~1/27~~ 9/26 POST-CAL. READING / STANDARD	pH 4 / 10 (LOT #): 4610445 (EXP. DATE): ~~9/26~~ 1/27 POST-CAL. READING / STANDARD	CAL. RANGE	TIME
7.04 / 7.04	4.00 / 4.00	☒ WITHIN RANGE	1036
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): 5EA0816 (EXP. DATE): Jan/26 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
1130 / 1130	14.	☒ WITHIN RANGE	1040
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 23E100250 (EXP. DATE): 2028-05-10 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
237.7 / 237.7	15.17	☒ WITHIN RANGE	1044
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

D.O. CALIBRATION CHECK

CAL. READING D.I. POST-CAL. READING /SATURATED AIR	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
100% / 100%	15	☐ WITHIN RANGE	1049
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU) (LOT #): A3097 (EXP. DATE): APR 25 POST-CAL. READING / STANDARD	(LOT #): (EXP. DATE): POST-CAL. READING / STANDARD	CAL. RANGE	TIME
100 / 100		☒ WITHIN RANGE	1053
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

COMMENTS

☐ AUTOCAL SOLUTION
(LOT #):
(EXP. DATE):

☑ STANDARD SOLUTION (S)
LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK

CALIBRATED PARAMETERS		CALIBRATION RANGES [1]	
☐	pH	pH:	+/- 0.2 S.U.
☐	COND	COND:	+/- 1% OF CAL. STANDARD
☐	ORP	ORP:	+/- 25 mV
☐	D.O.	D.O.:	VARIES
☐	TURB	TURB:	+/- 5% OF CAL. STANDARD
☐	_____	[1] CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER	
☐	_____		

NOTES

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

Aaron Kost — SIGNED — 5/1/25 — DATE

G Whitten — CHECKED BY — 5/21/25 — DATE

TRC

WATER QUALITY METER CALIBRATION LOG

PROJECT NAME:	DTE MON FAB/VEL 1SA25 GW Sampling	MODEL: YSI Pro DSS	SAMPLER: AW AK (EW)
PROJECT NO.:	620063.0000.0000	SERIAL #: DTE Dedicated	DATE: 4/30/25

PH CALIBRATION CHECK

pH 7 (LOT #): SGA0404 (EXP. DATE): Jan/27	pH 4 / 10 (LOT #): 46104 45 (EXP. DATE): Sep/26	CAL. RANGE	TIME
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
7.05 / 7.05	4.00 / 4.00	☒ WITHIN RANGE	1045
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): SGA0816 (EXP. DATE): Jan/26	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
1095 / 1095	12.7	☒ WITHIN RANGE	1041
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 24D1003351 (EXP. DATE):	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
240.5 / 240.5	13.1	☒ WITHIN RANGE	1050
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

D.O. CALIBRATION CHECK

CAL. READING	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING /SATURATED AIR			
100.0 / 100.0	12.3	☒ WITHIN RANGE	1052
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU) (LOT #): (EXP. DATE):	(LOT #): (EXP. DATE):	CAL. RANGE	TIME
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
0.00 / 0.00	10.00 / 10.00	☒ WITHIN RANGE	1059
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

COMMENTS

☐ AUTOCAL SOLUTION (LOT #): (EXP. DATE):

☑ STANDARD SOLUTION (S)

LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK

CALIBRATED PARAMETERS		CALIBRATION RANGES [1]	
☐	pH	pH:	+/- 0.2 S.U.
☐	COND	COND:	+/- 1% OF CAL. STANDARD
☐	ORP	ORP:	+/- 25 mV
☐	D.O.	D.O.:	VARIES
☐	TURB	TURB:	+/- 5% OF CAL. STANDARD
☐	_____	[1] CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER	
☐	_____		

NOTES

Turbidity meter LaMotte 2020

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
None	

G Wiffin 4/30/25
SIGNED DATE

CHECKED BY 5-1-25
DATE

TRC

WATER QUALITY METER CALIBRATION LOG

PROJECT NAME:	DTE MON FAB/VEL 1SA25 GW Sampling	MODEL: YSI Pro DSS	SAMPLER: (AW) AK EW
PROJECT NO.:	620063.0000.0000	SERIAL #: Office	DATE: 4/30/25

PH CALIBRATION CHECK

pH 7 (LOT #): 5GA0404 (EXP. DATE): Jan27 POST-CAL. READING / STANDARD	pH (4) 10 (LOT #): 4G64445 (EXP. DATE): Sept26 POST-CAL. READING / STANDARD	CAL. RANGE	TIME
7.05 / 7.05	4.00 / 4.00	[X] WITHIN RANGE	10:50
/	/	[ ] WITHIN RANGE	
/	/	[ ] WITHIN RANGE	
/	/	[ ] WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): 5GA0816 (EXP. DATE): Jan26 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
1115 / 1115	12.0	[X] WITHIN RANGE	10:55
/		[ ] WITHIN RANGE	
/		[ ] WITHIN RANGE	
/		[ ] WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 24S100436 (EXP. DATE): 09/29 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
230.2 / 230.2	12.4	[X] WITHIN RANGE	10:59
/		[ ] WITHIN RANGE	
/		[ ] WITHIN RANGE	
/		[ ] WITHIN RANGE	

D.O. CALIBRATION CHECK

CAL. READING POST-CAL. READING /SATURATED AIR	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
100% / 100%	12.1	[X] WITHIN RANGE	11:03
/		[ ] WITHIN RANGE	
/		[ ] WITHIN RANGE	
/		[ ] WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU) (LOT #): 24004711 (EXP. DATE): 2/25 POST-CAL. READING / STANDARD	(LOT #): (EXP. DATE): NM POST-CAL. READING / STANDARD	CAL. RANGE	TIME
0.0 / 0.0	10 / 10	[X] WITHIN RANGE	11:05
/	/	[ ] WITHIN RANGE	
/	/	[ ] WITHIN RANGE	
/	/	[ ] WITHIN RANGE	

COMMENTS

[ ] AUTOCAL SOLUTION (LOT #): (EXP. DATE):	[✓] STANDARD SOLUTION (S) LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK
CALIBRATED PARAMETERS	CALIBRATION RANGES (1)
[ ] pH	pH: +/- 0.2 S.U.
[ ] COND	COND: +/- 1% OF CAL. STANDARD
[ ] ORP	ORP: +/- 25 mV
[ ] D.O.	D.O.: VARIES
[ ] TURB	TURB: +/- 5% OF CAL. STANDARD
[ ] _____	(1) CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER
[ ] _____	

NOTES

Separate Turbidity meter
LaMotte 2020e

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
None	

SIGNED — DATE: 5/1/25

CHECKED BY — DATE: 05/01/25

TRC WATER SAMPLE LOG

PROJECT NAME:	DTE MON FAB/VEL 1SA25 GW	PREPARED		CHECKED	
PROJECT NUMBER:	620063.0000.0000	BY: (AW) AK EW DATE: 4/30/25		BY: EW	DATE: 5/1/25

SAMPLE ID: MW-16-01 WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 1143	DATE: 4/30/25	SAMPLE	TIME: 1158	DATE: 4/30/25

PURGE METHOD: ☑ PUMP BLADDER PUMP (DEDICATED) ☐ BAILER

DEPTH TO WATER: 4.70 T/ PVC

DEPTH TO BOTTOM NM T/ PVC

WELL VOLUME: NM ☐ LITERS ☐ GALLONS

VOLUME REMOVED: 3.5 ☒ LITERS ☐ GALLONS

COLOR: Clear ODOR: None

TURBIDITY ☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER

PH: 7.11 SU CONDUCTIVITY: 1797 umhos/cm

ORP: 60.6 mV DO: 0.69 mg/L

TURBIDITY: 1.65 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 11.4 °C OTHER: —

COLOR: Clear ODOR: None

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: FILTRATE ODOR:

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS:

TIME	PURGE RATE (ML/MIN)	PH (SU) 6.9-8.6	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1143	300	6.94	1806	76.2	1.60	8.97	11.3	5.80	INITIAL
1148	↓	7.11	1802	68.4	0.87	4.50	11.4	6.05	1.5
1153	200	7.11	1791	62.9	0.79	2.40	11.3	5.60	~~3.0~~ 2.5
1158	↓	7.11	1797	60.6	0.69	1.65	11.4	5.50	~~4.5~~ 3.5

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- **0.1** COND.: +/- **10 %** ORP: +/- **NA** D.O.: +/- **NA** TURB: +/- **10 %** or </= **5** TEMP.: +/- **0.5°C**

BOTTLES FILLED — PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	~~250~~ 500 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	~~250~~ 500 mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: Courier	DATE SHIPPED: 5/1/25	AIRBILL NUMBER: --
COC NUMBER: --	SIGNATURE: A. Wilson	DATE SIGNED: 5/1/25

WATER SAMPLE LOG

PROJECT NAME:	DTE MON FAB/VEL 1SA25 GW	PREPARED		CHECKED	
PROJECT NUMBER:	620063.0000.0000	BY: AW AK EW	DATE: 4/30/25	BY: A.Wlady	DATE: 5-1-25

SAMPLE ID: MW-16-02 | WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 0850	DATE: 4/30/25	SAMPLE	TIME: 1146	DATE: 4/30/25

PURGE METHOD: ☑ PUMP BLADDER PUMP (DEDICATED) ☐ BAILER

DEPTH TO WATER: +3.67 T/ PVC

DEPTH TO BOTTOM NM T/ PVC

WELL VOLUME: 9.75 ☐ LITERS ☒ GALLONS

VOLUME REMOVED: 132.0 ☐ LITERS ☒ GALLONS

COLOR: None ODOR: None

TURBIDITY: ☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER

PH: 6.95 SU | CONDUCTIVITY: 2185 umhos/cm

ORP: 46.3 mV | DO: 0.23 mg/L

TURBIDITY: 1.76 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 10.9 °C | OTHER:

COLOR: None | ODOR: None

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: | FILTRATE ODOR:

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS:

TIME	PURGE RATE (GAL/MIN) (~~L/MIN~~)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1107	0.75	6.84	2209	115.2	1.47	2.25	10.9	+3.67	~~INITIAL~~ 102.75
1120	|	6.93	2186	62.2	0.35	1.89	10.9	|	112.75
1133	|	6.95	2184	51.8	0.26	1.97	10.9	|	122.25
1146	|	6.95	2185	46.3	0.23	1.76	10.9	|	132.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 % ORP: +/- NA D.O.: +/- NA TURB: +/- 10 % or </= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED | PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	500 ~~250~~ mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	500 ~~250~~ mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: Courier	DATE SHIPPED: 5/01/25	AIRBILL NUMBER: --
COC NUMBER: --	SIGNATURE:	DATE SIGNED: 5/01/25

TRC WATER SAMPLE LOG

PROJECT NAME: DTE MON FAB/VEL 1SA25 GW	PREPARED	CHECKED
PROJECT NUMBER: 620063.0000.0000	BY: AW AK (EW) DATE: 4/30/25	BY: A. Whaley DATE: 5-1-25

SAMPLE ID: MW-16-03 | WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 0905	DATE: 4/30/25

PURGE METHOD: ☑ PUMP BLADDER PUMP (DEDICATED) ☐ BAILER

DEPTH TO WATER: +11.13 T/ PVC

DEPTH TO BOTTOM: NM T/ PVC

WELL VOLUME: 7 ☐ LITERS ☒ GALLONS

VOLUME REMOVED: 310.31 ☐ LITERS ☒ GALLONS

COLOR: None ODOR: None

TURBIDITY: ☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER

SAMPLE	TIME: 1222	DATE: 4/30/25

PH: 6.94 SU CONDUCTIVITY: 2235 umhos/cm

ORP: 11.4 mV DO: 0.24 mg/L

TURBIDITY: 1.64 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 12.0 °C OTHER:

COLOR: None ODOR: None

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: FILTRATE ODOR:

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS:

TIME	PURGE RATE GAL (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1202	1.43	6.85	2238	46.3	2.73	11.83	12.0	+11.13	INITIAL 281.41
1207	|	6.90	2238	25.3	0.46	4.03	11.9	|	288.86
1212	|	6.92	2236	17.9	0.31	1.91	12.0	|	296.01
1217	|	6.93	2235	14.2	0.26	1.70	11.9	|	303.16
1222	|	6.94	2235	11.4	0.24	1.65	12.0	|	310.31

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- **0.1** COND.: +/- **10 %** ORP: +/- **NA** D.O.: +/- **NA** TURB: +/- **10 %** or **</= 5** TEMP.: +/- **0.5°C**

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	~~250~~ 500 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	~~250~~ 500 mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: Courier	DATE SHIPPED: 5/01/25	AIRBILL NUMBER: --
COC NUMBER: --	SIGNATURE: [signature]	DATE SIGNED: 5/01/25

TRC WATER SAMPLE LOG

PROJECT NAME: DTE MON FAB/VEL 1SA25 GW	PREPARED	CHECKED
PROJECT NUMBER: 620063.0000.0000	BY: AW AK EW DATE: 4/30/25	BY: A.White DATE: 5-1-25

SAMPLE ID: MW-16-04 | WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 1000	DATE: 4/30/25

PURGE METHOD: ☑ PUMP BLADDER PUMP (DEDICATED) ☐ BAILER

DEPTH TO WATER: +13.84 T/ PVC

DEPTH TO BOTTOM NM T/ PVC

WELL VOLUME: 8 ☐ LITERS ☒ GALLONS

VOLUME REMOVED: 5730 ☐ LITERS ☒ GALLONS

COLOR: None ODOR: Yes

TURBIDITY ☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER

SAMPLE	TIME: 1311	DATE: 4/30/25

PH: 7.03 SU | CONDUCTIVITY: 2121 umhos/cm

ORP: -28.4 mV | DO: 0.55 mg/L

TURBIDITY: 1.69 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 11.6 °C | OTHER:

COLOR: None | ODOR: None

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: | FILTRATE ODOR:

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS:

TIME	PURGE RATE (ML/MIN)	PH 7.0-7.5 (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1307	30	7.15	2138	16.0	5.04	1.11	12.0	+13.84	560 INITIAL
1308	|	7.04	2129	-9.7	1.23	1.34	11.6	|	5640
1309	|	7.03	2123	-16.8	0.89	1.58	11.6	|	5670
1310	|	7.03	2121	-23.2	0.68	1.46	11.6	|	5700
1311	|	7.03	2121	-28.4	0.55	1.69	11.6	|	5730

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 % ORP: +/- NA D.O.: +/- NA TURB: +/- 10 % or </= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED | PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - ____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	250 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: Courier	DATE SHIPPED: 5/01/25	AIRBILL NUMBER: --
COC NUMBER: --	SIGNATURE: [signature]	DATE SIGNED: 5/01/25

WATER SAMPLE LOG

PROJECT NAME:	DTE MON FAB/VEL 1SA25 GW	PREPARED		CHECKED	
PROJECT NUMBER:	620063.0000.0000	BY: AW AK (EW)	DATE: 4/30/25	BY: A. Whaley	DATE: 5-1-25

SAMPLE ID: MW-16-05 | WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 0919	DATE: 4/30/25	SAMPLE	TIME: 1248	DATE: 4/30/25

PURGE METHOD: ☑ PUMP BLADDER PUMP (DEDICATED) ☐ BAILER

DEPTH TO WATER: 14.62 T/ PVC

DEPTH TO BOTTOM: NM T/ PVC

WELL VOLUME: 7.5 ☐ LITERS ☒ GALLONS

VOLUME REMOVED: 1740.97 ☐ LITERS ☒ GALLONS

COLOR: None ODOR: Slight

TURBIDITY: ☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER

PH: 6.96 SU | CONDUCTIVITY: 2109 umhos/cm

ORP: 7.60 mV | DO: 0.43 mg/L

TURBIDITY: 1.06 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 12.1 °C | OTHER:

COLOR: None | ODOR: ~~None~~ Slight

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: | FILTRATE ODOR:

QC SAMPLE: ☐ MS/MSD ☒ DUP- 01

COMMENTS:

TIME	PURGE RATE (~~ML~~/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1244	8.33	7.25	2123	37.8	5.28	1.32	12.3	+14.62	INITIAL 1.65
1245	|	6.95	2109	15.0	0.73	1.67	12.2	|	1715.98
1246	|	6.95	2109	12.9	0.63	1.20	12.2	|	1724.31
1247	|	6.95	2109	9.7	0.50	1.06	12.2	|	1732.64
1248	|	6.96	2109	7.6	0.43	1.06	12.1	|	1740.97

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- **0.1** COND.: +/- **10 %** ORP: +/- **NA** D.O.: +/- **NA** TURB: +/- **10 %** or </= **5** TEMP.: +/- **0.5°C**

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	~~250~~ 500 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	~~250~~ 500 mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD:	Courier	DATE SHIPPED:	05/01/25	AIRBILL NUMBER:	--
COC NUMBER:	--	SIGNATURE:	GW	DATE SIGNED:	5/01/25

TRC WATER SAMPLE LOG

PROJECT NAME: DTE ~~MONBAT~~ NONFABLVEL 1SA25 GW Sam	PREPARED	CHECKED
PROJECT NUMBER: 620074.0000.0000 63	BY: AW AK EW DATE: 4/30/25	BY: GW DATE: 5/1/25

SAMPLE ID: MW-16-06 | WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 13:10	DATE: 4/30/25

PURGE METHOD: ☑ PUMP BLADDER PUMP (DEDICATED) ☐ BAILER

DEPTH TO WATER: +0.15 T/ PVC

DEPTH TO BOTTOM NM T/ PVC

WELL VOLUME: NM ☐ LITERS ☐ GALLONS

VOLUME REMOVED: 3.0 ☐ LITERS ☐ GALLONS

COLOR: Clear ODOR: None

TURBIDITY: ☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER

SAMPLE	TIME: 13:25	DATE: 4/30/25

PH: 7.14 SU CONDUCTIVITY: 1826 umhos/cm

ORP: 100.5 mV DO: 0.72 mg/L

TURBIDITY: 2.77 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 11.6 °C OTHER: —

COLOR: Clear ODOR: None

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: NA FILTRATE ODOR: NA

QC SAMPLE: ☐ MS/MSD ☐ DUP- _____

COMMENTS: Tubing 1.0' off bottom PVC Extension Not added 0.65'

TIME	PURGE RATE (ML/MIN)	PH 7.0-7.3 (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
13:10	200	7.13	1832	103.5	1.23	6.24	11.6	+0.15	INITIAL
13:15	↓	7.13	1829	102.2	0.80	4.40	11.5	↓	1.0
13:20		7.14	1824	101.4	0.74	3.86	11.6		2.0
13:25		7.14	1826	100.5	0.72	2.77	11.6		3.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- **0.1** COND.: +/- **10 %** ORP: +/- **NA** D.O.: +/- **NA** TURB: +/- **10 %** or </= **5** TEMP.: +/- **0.5°C**

BOTTLES FILLED — PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	~~250~~ 500 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	~~250~~ 500 mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	~~60~~ 60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: Courier	DATE SHIPPED: 5/1/25	AIRBILL NUMBER: --
COC NUMBER: --	SIGNATURE: A. Wlody	DATE SIGNED: 5-1-25

WATER SAMPLE LOG

PROJECT NAME:	DTE MON FAB/VEL 1SA25 GW	PREPARED		CHECKED	
PROJECT NUMBER:	620063.0000.0000	BY: (AW) AK EW	DATE: 4/30/25	BY: EW	DATE: 5/1/25

SAMPLE ID: MW-16-07 | WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 09:02	DATE: 4/30/25	SAMPLE	TIME: 11:17	DATE: 4/30/25

PURGE METHOD: ☑ PUMP BLADDER PUMP (DEDICATED) ☐ BAILER

DEPTH TO WATER: +5.43 T/ PVC

DEPTH TO BOTTOM: NM T/ PVC

WELL VOLUME: 6 ☐ LITERS ☒ GALLONS

VOLUME REMOVED: 292.5 ☐ LITERS ☒ GALLONS

COLOR: Cloudy ODOR: Slight

TURBIDITY: ☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER

PH: 7.04 SU CONDUCTIVITY: 1772 umhos/cm

ORP: -42.7 mV DO: 0.55 mg/L

TURBIDITY: 3.18 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 11.5 °C OTHER: —

COLOR: Clear ODOR: None

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: FILTRATE ODOR:

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS:

TIME	PURGE RATE ~~(ML/MIN)~~	PH 6.9-7.4 (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
11:05	1.5	7.01	1770	-30.0	0.68	7.06	11.4	~~NA~~ +5.43	~~INITIAL~~ 274.5
11:09	↓	7.03	1774	-30.6	0.63	4.21	11.5	↓	280.5
11:13		7.03	1776	-34.1	0.60	3.54	11.6		286.5
11:17		7.04	1772	-42.7	0.55	3.18	11.5		292.5

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 % ORP: +/- NA D.O.: +/- NA TURB: +/- 10 % or </= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	~~250~~ 500 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	~~250~~ 500 mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: Courier	DATE SHIPPED: 5-1-25	AIRBILL NUMBER: --
COC NUMBER: --	SIGNATURE: A. Wlus	DATE SIGNED: 5/1/25

TRC WATER SAMPLE LOG

PROJECT NAME:	DTE MON FAB/VEL 1SA25 GW	PREPARED		CHECKED	
PROJECT NUMBER:	620063.0000.0000	BY: AW (AK) EW	DATE: 4/30/25	BY: EW	DATE: 5/1/25

SAMPLE ID: MP-001F | WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 1106	DATE: 4/30/25	SAMPLE	TIME: 1112	DATE: 4/30/25
PURGE METHOD: ~~☑ PUMP~~ ☒ BAILER	BLADDER PUMP (DEDICATED)		PH: 8.90 SU	CONDUCTIVITY: 486.70 umhos/cm	
			ORP: 148.4 mV	DO: 8.44 mg/L	
DEPTH TO WATER: 0 T/ PVC			TURBIDITY: 1.87 NTU		
DEPTH TO BOTTOM — T/ PVC			☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: — ☐ LITERS ☐ GALLONS			TEMPERATURE: 15.52 °C	OTHER: —	
VOLUME REMOVED: — ☐ LITERS ☐ GALLONS			COLOR: clear	ODOR: None	
COLOR: Clear	ODOR: None		FILTRATE (0.45 um) ☐ YES ☑ NO		
TURBIDITY			FILTRATE COLOR: —	FILTRATE ODOR: —	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER			COMMENTS: Water Flowing over edges of basin		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1106		8.94	485.74	137.1	8.43	2.94	15.32		INITIAL
1109		8.92	486.02	142.6	8.43	2.12	15.43		
1112		8.90	486.70	148.4	8.44	1.87	15.52		
			SAMPLE						

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- **0.1** COND.: +/- **10 %** ORP: +/- **NA** D.O.: +/- **NA** TURB: +/- **10 %** or </= **5** TEMP.: +/- **0.5°C**

BOTTLES FILLED | PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	~~500~~ 250 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	~~250~~ 500 mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: Courier	DATE SHIPPED: 5/1/25	AIRBILL NUMBER: --
COC NUMBER: --	SIGNATURE: Allison Hart	DATE SIGNED: 5/1/25

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: A. Whaley, A. Nash, E. Wielgopolski	Lab PM: Brooks, Kris M	Carrier Tracking No(s):	COC No: 240-132146-45397.1
Client Contact: Mr. Vincent Buening	Phone:	E-Mail: Kris.Brooks@et.eurofinsus.com	State of Origin: MI	Page: Page 1 of 1
Company: TRC Environmental Corporation.	PWSID:			Job #:

Address: 1540 Eisenhower Place	Due Date Requested: Standard	Analysis Requested	Preservation Codes: N - None D - HNO3
City: Ann Arbor	TAT Requested (days): Standard		
State, Zip: MI, 48108-7080	Compliance Project: Δ Yes Δ No		
Phone: 313-971-7080(Tel) 313-971-9022(Fax)	PO #: 229280		
Email: vbuening@trccompanies.com	WO #: 620063.0000.0000		
Project Name: CCR DTE Monroe FAB	Project #: 24016830		Other:
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C_Calcd - TDS	9056A_28D - Chloride, Fluoride and Sulfate	6010B-Bo, 6020-Ca,Fe	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	D		
MW-16-02	4/30/25	1146	G	Water	2	2	X	X	X	3	
MW-16-03		1222	G	Water	2	2	X	X	X	3	
MW-16-05		1248	G	Water	2	2	X	X	X	3	
MW-16-04		1311	G	Water	2	2	X	X	X	3	
MP-001F		11:12	G	Water	N	N	X	X	X	3	
MW-16-06		13:25	G	Water	N	N	X	X	X	3	
MW-16-07		11:17	G	Water	N	N	X	X	X	3	
MW-16-01		11:58	G	Water	N	N	X	X	X	3	
Dup-01	4/30/25	—	G	Water	N	N	X	X	X	3	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) TRC EDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/30/25 1500	Company: TRC	Received by: TRC Storage	Date/Time: 4/30/25 1500	Company: TRC
Relinquished by:	Date/Time: 5/1/25 10:11	Company: TRC	Received by:	Date/Time: 5/1/25 1011	Company: FRT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

TRC

PROJECT NAME:	DTE MON FAB/VEL 2SA25 Groundwater Sampling
PROJECT NUMBER:	620063.0000.0000
PROJECT MANAGER:	Vincent Buening
SITE LOCATION:	6670 Waters Edge Dr. Monroe, MI 48161
DATES OF FIELDWORK:	10/7/2025 TO 10/8/2025
PURPOSE OF FIELDWORK:	Second Semiannual Sampling Event
WORK PERFORMED BY:	E. Wielgopolski, A. Yaasiin

E Wielgopolski 10/7/25
SIGNED DATE

CHECKED BY 10/7/25
DATE

REVISED 04/2019

TRC

GENERAL NOTES

PROJECT NAME: DTE MON FAB/VEL 2SA25 Gr	DATE: 10/6/25	TIME ARRIVED: 0800
PROJECT NUMBER: 620063.0000.0000	AUTHOR: E. Wielgopolski, A. Yaa	TIME LEFT: 1300

WEATHER		
TEMPERATURE: 57- 82 °F	WIND: 5-10 MPH	VISIBILITY: Clear

WORK / SAMPLING PERFORMED

- Met w Jason Miller
- Water Levels, start on MW-16-07
- Sample: MW-16-05, MW-16-07

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
• Forgot tubing for peristaltic wells	• returned following day to complete sampling

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
Andrew Whaley	TRC	Technical Coordinator - Updates/Questions
Jason Logan	DTE	Site Contact, Gate Access

INVESTIGATION DERIVED WASTE SUMMARY

WASTE MATRIX	QUANTITY	COMMENTS
GW	NM	Purge to ground

E Wielgopolski 10/7/25
SIGNED DATE

CHECKED BY 10/7/25
DATE

TRC

GENERAL NOTES

PROJECT NAME: DTE MON FAB/VEL 2SA25 Gr	DATE: 10-6-25	TIME ARRIVED: 0800
PROJECT NUMBER: 620063.0000.0000	AUTHOR: E. Wielgopolski, A. Yaa	TIME LEFT: 1300

WEATHER		
TEMPERATURE: 70ish °F	WIND: — MPH	VISIBILITY: Clear

WORK / SAMPLING PERFORMED

- Met with Elliot
- Opened wells to capture water levels
- Calibrated, then sampled wells MW-16-04, MW-16-03, & MW-16-02

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
Forgot tubing	Returned ~~to~~ the next day

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
Andrew Whaley	TRC	Technical Coordinator - Updates/Questions
Jason Logan	DTE	Site Contact, Gate Access

INVESTIGATION DERIVED WASTE SUMMARY

WASTE MATRIX	QUANTITY	COMMENTS
GW	NM	Purge to ground

A Yaeziin 10-7-25
SIGNED DATE

E Wielgopolski 10/7/25
CHECKED BY DATE

TRC

GENERAL NOTES

PROJECT NAME:	DTE MON FAB/VEL 2SA25 Gr	DATE: 10-7-25	TIME ARRIVED: 0800
PROJECT NUMBER:	620063.0000.0000	AUTHOR: E. Wielgopolski, A. Yaa	TIME LEFT: 1200

WEATHER		
TEMPERATURE: 70 °F	WIND: — MPH	VISIBILITY: Clear

WORK / SAMPLING PERFORMED

- Arrived on site, called Jason to get in
- Sampled wells MW-16-02 & MW-16-06

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
- MW-16-02 had really low flow for an artesian well	- Called Jake, sampled using peristaltic

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
Andrew Whaley	TRC	Technical Coordinator - Updates/Questions
Jason Logan	DTE	Site Contact, Gate Access

INVESTIGATION DERIVED WASTE SUMMARY

WASTE MATRIX	QUANTITY	COMMENTS
GW	NM	Purge to ground

A Wielgopolski 10-7-25
SIGNED DATE

E Whaley 10/7/25
CHECKED BY DATE

TRC

EQUIPMENT SUMMARY

PROJECT NAME:	DTE MON FAB/VEL 2SA25 (	SAMPLER NAME:	E. Wielgopolski, A. Yaasiin
PROJECT NO.:	620063.0000.0000		

WATER LEVEL MEASUREMENTS COLLECTED WITH:

NAME AND MODEL OF INSTRUMENT	SERIAL NUMBER (IF APPLICABLE)
HERON DIPPER-T	PROJECT DEDICATED

PRODUCT LEVEL MEASUREMENTS COLLECTED WITH:

NAME AND MODEL OF INSTRUMENT	SERIAL NUMBER (IF APPLICABLE)
NA	NA

DEPTH TO BOTTOM OF WELL MEASUREMENTS COLLECTED WITH:

NAME AND MODEL OF INSTRUMENT	SERIAL NUMBER (IF APPLICABLE)
HERON DIPPER-T	PROJECT DEDICATED

PURGING METHOD

NAME AND MODEL OF PUMP OR TYPE OF BAILER	SERIAL NUMBER (IF APPLICABLE)
BLADDER PUMP (DEDICATED)	PROJECT DEDICATED

SAMPLING METHOD

NAME AND MODEL OF PUMP OR TYPE OF BAILER	SERIAL NUMBER (IF APPLICABLE)
BLADDER PUMP (DEDICATED)	PROJECT DEDICATED
NAME AND MODEL OF FILTERATION DEVICE	FILTER TYPE AND SIZE
NA	NA
TUBING TYPE	☑ LOW-FLOW SAMPLING EVENT
DEDICATED POLY TUBING	

PURGE WATER DISPOSAL METHOD

☑ GROUND ☐ DRUM ☐ POTW ☐ POLYTANK ☐ OTHER _____

DECONTAMINATION AND FIELD BLANK WATER SOURCE

POTABLE WATER SOURCE	DI WATER SOURCE
STORE BOUGHT	LABORATORY PROVIDED
SIGNED	DATE
CHECKED BY	DATE
	10/7/25
	10/7/25

REVISED 04/2019

TRC

WATER QUALITY METER CALIBRATION LOG

PROJECT NAME:	DTE MON FAB/VEL 2SA25 Groundwater Sampli	MODEL:	YSI Pro DSS	SAMPLER:	(EW) AY
PROJECT NO.:	620063.0000.0000	SERIAL #:	PROJECT	DATE:	10/6/25

PH CALIBRATION CHECK

pH 7 (LOT #): 56F1781 (EXP. DATE): Jun/27 POST-CAL. READING / STANDARD	pH 4 / 10 (LOT #): 5GE0612 (EXP. DATE): May/27 POST-CAL. READING / STANDARD	CAL. RANGE	TIME
7.01 / 7.00	4.00 / 4.00	☒ WITHIN RANGE	1019
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): 5GE0288 (EXP. DATE): May/26 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
1375 / 1375	23.3	☒ WITHIN RANGE	1022
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 24B100690 (EXP. DATE): 2029-03-06 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
221.5 / 221.5	26.0	☒ WITHIN RANGE	1624
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

D.O. CALIBRATION CHECK

CAL. READING DI Water POST-CAL. READING /SATURATED AIR	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
100% / 100%	23.6	☒ WITHIN RANGE	1026
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU) (LOT #): DI Water (EXP. DATE): POST-CAL. READING / STANDARD	(LOT #): (EXP. DATE): POST-CAL. READING / STANDARD	CAL. RANGE	TIME
0 / 0	/	☒ WITHIN RANGE	1030
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

COMMENTS

☐ AUTOCAL SOLUTION (LOT #): (EXP. DATE):	☑ STANDARD SOLUTION (S) LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK
CALIBRATED PARAMETERS	CALIBRATION RANGES [1]
☐ pH	pH: +/- 0.2 S.U.
☐ COND	COND: +/- 1% OF CAL. STANDARD
☐ ORP	ORP: +/- 25 mV
☐ D.O.	D.O.: VARIES
☐ TURB	TURB: +/- 5% OF CAL. STANDARD
☐ _____	[1] CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER
☐ _____	

NOTES

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
None	

E Wilson 10/6/25
SIGNED DATE

CHECKED BY 10/7/25
DATE

WATER QUALITY METER CALIBRATION LOG

PROJECT NAME:	DTE MON FAB/VEL 2SA25 Groundwater Sampli	MODEL:	YSI ~~Pro Plus~~ Pro DSS	SAMPLER:	EW (AY)
PROJECT NO.:	620063.0000.0000	SERIAL #:	PROJECT	DATE:	10-6-25

PH CALIBRATION CHECK

pH 7 (LOT #): 56F1781 (EXP. DATE): JUN/27 POST-CAL. READING / STANDARD	pH 4 / 10 (LOT #): 5GE0612 (EXP. DATE): MAY/27 POST-CAL. READING / STANDARD	CAL. RANGE	TIME
7.00 / 7.00	4.00 / 4.00	☑ WITHIN RANGE	1022
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): 5GE0238 (EXP. DATE): MAY/26 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
1370 / 1370	23.4	☐ WITHIN RANGE	1025
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 24B200690 (EXP. DATE): 2029-03-06 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
222.9 / 222.9	25.0	☑ WITHIN RANGE	1029
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

D.O. CALIBRATION CHECK

CAL. READING POST-CAL. READING /SATURATED AIR	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
100.0 100.0	22.8	☑ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU) (LOT #): (EXP. DATE): POST-CAL. READING / STANDARD	(LOT #): (EXP. DATE): POST-CAL. READING / STANDARD	CAL. RANGE	TIME
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

COMMENTS

☐ AUTOCAL SOLUTION
(LOT #):
(EXP. DATE):

☑ STANDARD SOLUTION (S)
LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK

CALIBRATED PARAMETERS		CALIBRATION RANGES [1]	
☐	pH	pH:	+/- 0.2 S.U.
☐	COND	COND:	+/- 1% OF CAL. STANDARD
☐	ORP	ORP:	+/- 25 mV
☐	D.O.	D.O.:	VARIES
☐	TURB	TURB:	+/- 5% OF CAL. STANDARD
☐	_____	[1] CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER	
☐	_____		

NOTES

Turbidity ~~was~~ calcalated with LaMotte

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

AY 10-7-25
SIGNED DATE

E Wright 10/7/25
CHECKED BY DATE

WATER QUALITY METER CALIBRATION LOG

PROJECT NAME:	DTE MON FAB/VEL 2SA25 Groundwater Sampl	MODEL:	YSI ~~Pro DSS~~ Pro Plus	SAMPLER:	EW AY
PROJECT NO.:	620063.0000.0000	SERIAL #:	PROJECT	DATE:	10-7-25

PH CALIBRATION CHECK

pH 7 (LOT #): 5GF1781 (EXP. DATE): JUN/27 POST-CAL. READING / STANDARD	pH 4 / 10 (LOT #): 5GE0612 (EXP. DATE): MAY/27 POST-CAL. READING / STANDARD	CAL. RANGE	TIME
7.00 / 7.00	4.00 / 4.00	☑ WITHIN RANGE	0830
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): 5GE0238 (EXP. DATE): MAY/26 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
1309 / 1309	21.0°C	☑ WITHIN RANGE	0835
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 25D1000212 (EXP. DATE): 2030-04-03 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
228.5 / 228.5	21.2	☑ WITHIN RANGE	0837
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

D.O. CALIBRATION CHECK

CAL. READING POST-CAL. READING /SATURATED AIR	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
100.0% / 100.0%	20.5	☑ WITHIN RANGE	0840
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU) (LOT #): (EXP. DATE): POST-CAL. READING / STANDARD	(LOT #): (EXP. DATE): POST-CAL. READING / STANDARD	CAL. RANGE	TIME
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

COMMENTS

☐ AUTOCAL SOLUTION
(LOT #):
(EXP. DATE):

☑ STANDARD SOLUTION (S)
LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK

CALIBRATED PARAMETERS		CALIBRATION RANGES (1)	
☐	pH	pH:	+/- 0.2 S.U.
☐	COND	COND:	+/- 1% OF CAL. STANDARD
☐	ORP	ORP:	+/- 25 mV
☐	D.O.	D.O.:	VARIES
☐	TURB	TURB:	+/- 5% OF CAL. STANDARD
☐	_____	(1) CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER	
☐	_____		

NOTES

Turbidity calculated with LaMotte

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

O Massey — SIGNED — 10-7-25 — DATE

E Wyatt — CHECKED BY — 10/7/25 — DATE

TRC

WATER LEVEL DATA

PROJECT NAME:	DTE MON FAB/VEL 2SA25 Groundwater Sampling	DATE: 10/6/25
PROJECT NUMBER:	620063.0000.0000	AUTHOR: E. Wielgopolski, A. Yaasiin

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-16-01	0846	TOC	4.96	NM	NA	NM
MW-16-02	0910	↓	+1.59	↓	↓	↓
MW-16-03	0927	↓	+7.32	↓	↓	↓
MW-16-04	0957	↓	+8.66	↓	↓	↓
MW-16-05	0942	↓	+10.34	↓	↓	↓
MW-16-06	0852	↓	1.43	↓	↓	↓
MW-16-07	0831	↓	+3.90	↓	↓	↓

ALL WATER LEVELS MUST INCLUDE REFERENCE POINT AND TAPE CORRECTION FACTOR (E.G., 1.1 + 0.00 T/PVC).

E Wielgopolski 10/7/25
SIGNED DATE

CHECKED 10/7/25
CHECKED DATE

WATER SAMPLE LOG

PROJECT NAME:	DTE MON FAB/VEL 2SA25 Gr	PREPARED		CHECKED	
PROJECT NUMBER:	620063.0000.0000	BY: EW AY DATE: 10-6-25		BY: EW	DATE: 10-7-25

SAMPLE ID: MW-16-01 WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 0846	DATE: 10-6-25	SAMPLE	TIME: 1206	DATE: 10-6-25
PURGE METHOD:	☑ PUMP BLADDER PUMP (DEDICATED) ☐ BAILER		PH: 7.11 SU	CONDUCTIVITY: 2002	umhos/cm
			ORP: 283 mV	DO: 1.31	mg/L
DEPTH TO WATER:	5.35 T/ PVC		TURBIDITY: 1.77 NTU		
DEPTH TO BOTTOM:	NM T/ PVC		☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME:	NM ☑ LITERS ☐ GALLONS		TEMPERATURE: 17.1 °C	OTHER:	
VOLUME REMOVED:	3 ☑ LITERS ☐ GALLONS		COLOR: clear	ODOR:	
COLOR:	Clear ODOR: none		FILTRATE (0.45 um) ☐ YES ☑ NO		
TURBIDITY			FILTRATE COLOR: —	FILTRATE ODOR: —	
☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD:	☑ GROUND ☐ DRUM ☐ OTHER		COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1151	200	6.93	2017	24.4	4.87	1.10	16.4	5.35	INITIAL
1156	|	6.97	1997	27.4	2.44	2.47	17.3	5.35	1
1201	|	7.10	2002	27.3	1.56	3.92	17.3	5.33	2
1206	|	7.11	2002	28.3	1.31	1.77	17.1	5.31	3

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 % ORP: +/- NA D.O.: +/- NA TURB: +/- 10 % or </= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	500mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	500mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD:	courier	DATE SHIPPED:	10-8-25	AIRBILL NUMBER:	NA
COC NUMBER:	—	SIGNATURE:		DATE SIGNED:	10-7-25

TRC

WATER SAMPLE LOG

PROJECT NAME: DTE MON FAB/VEL 2SA25 Gr	PREPARED		CHECKED	
PROJECT NUMBER: 620063.0000.0000	BY: EW AY	DATE: 10-6-25	BY: EW	DATE: 10/7/25

SAMPLE ID: MW-16-02 WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 0901	DATE: 10-7-25	SAMPLE	TIME: 0936	DATE: 10-7-25
PURGE METHOD: ☑ PUMP BLADDER PUMP (DEDICATED) ☐ BAILER			PH: 7.06 SU	CONDUCTIVITY: 1922 umhos/cm	
			ORP: 49.2 mV	DO: 0.37 mg/L	
DEPTH TO WATER: +1.59 T/ PVC			TURBIDITY: 21.9 NTU		
DEPTH TO BOTTOM: NM T/ PVC			☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 9.78 ☐ LITERS ☑ GALLONS			TEMPERATURE: 12.7 °C	OTHER:	
VOLUME REMOVED: 7 ☑ LITERS ☐ GALLONS			COLOR: Slightly grey	ODOR: none	
COLOR: very grey/turbid ODOR:			FILTRATE (0.45 um) ☐ YES ☑ NO		
TURBIDITY ☐ NONE ☐ SLIGHT ☐ MODERATE ☑ VERY			FILTRATE COLOR:	FILTRATE ODOR:	
			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0901	206	6.91	1927	76.5	1.28	OVER	12.3	+1.59	INITIAL
0906	|	7.00	1222	63.3	0.80	OVER	12.9	|	1
0911	|	7.04	1924	56.8	0.62	88.0	12.9	|	2
0916	|	7.05	1921	53.4	0.47	46.5	12.8	|	3
0921	|	7.06	1922	51.0	0.43	32.9	12.9	|	4
0926	|	7.06	1923	50.4	0.40	22.6	12.8	|	5
0931	|	7.06	1921	49.7	0.38	23.4	12.8	|	6
0936	|	7.06	1922	49.2	0.37	21.9	12.7	|	7

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- **0.1** COND.: +/- **10 %** ORP: +/- **NA** D.O.: +/- **NA** TURB: +/- **10 %** or </= **5** TEMP.: +/- **0.5°C**

BOTTLES FILLED — PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	500mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	500mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: Courier	DATE SHIPPED: 10-8-25	AIRBILL NUMBER: NA
COC NUMBER: —	SIGNATURE: [signature]	DATE SIGNED: 10-7-25

WATER SAMPLE LOG

PROJECT NAME: DTE MON FAB/VEL 2SA25 Gr	PREPARED		CHECKED	
PROJECT NUMBER: 620063.0000.0000	BY: EW AY	DATE: 10-6	BY: EW	DATE: 10/7/25

SAMPLE ID: MW-16-03 | WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: ~~0927~~	DATE: 10-6-25	SAMPLE	TIME: 1128	DATE: 10-6-25
PURGE METHOD:	☑ PUMP (AY) BLADDER PUMP (DEDICATED) ☐ BAILER		PH: 7.09 SU	CONDUCTIVITY: 2102 umhos/cm	
			ORP: 14.9 mV	DO: 0.43 mg/L	
DEPTH TO WATER: +7.32 T/ PVC			TURBIDITY: 0.86 NTU		
DEPTH TO BOTTOM: NM T/ PVC			☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: (K) ~~1~~ ☐ LITERS ☒ GALLONS			TEMPERATURE: 12.7 °C	OTHER:	
VOLUME REMOVED: 133.2 ☐ LITERS ☐ GALLONS			COLOR: clear	ODOR: none	
COLOR: clear ODOR:			FILTRATE (0.45 um) ☐ YES ☑ NO		
TURBIDITY ☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			FILTRATE COLOR:	FILTRATE ODOR:	
			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (~~ML~~/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1116	1.2	7.06	2104	11.7	0.96	1.24	12.7	+7.32	INITIAL — 130.8
1122	1	7.07	2102	13.1	0.42	1.53	12.6	1	132
1128	1	7.09	2102	14.9	0.43	0.86	12.7	1	133.2

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- **0.1** COND.: +/- **10 %** ORP: +/- **NA** D.O.: +/- **NA** TURB: +/- **10 %** or </= **5** TEMP.: +/- **0.5°C**

BOTTLES FILLED | PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	500mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	500mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: courier	DATE SHIPPED: 10-8-25	AIRBILL NUMBER: NA
COC NUMBER: —	SIGNATURE: AY	DATE SIGNED: 10-7-25

TRC

WATER SAMPLE LOG

PROJECT NAME:	DTE MON FAB/VEL 2SA25 Gr	PREPARED			CHECKED		
PROJECT NUMBER:	620063.0000.0000	BY:	EW AY	DATE: 10-6	BY: EW	DATE: 10/7/25

SAMPLE ID: MW-16-04 | WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 1037	DATE: 10-6-25	SAMPLE	TIME: 1041	DATE:
PURGE METHOD:	☑ PUMP BLADDER PUMP (DEDICATED) ☐ BAILER		PH: 7.04 SU	CONDUCTIVITY: 1996 umhos/cm	
			ORP: -44.3 mV	DO: 0.50 mg/L	
DEPTH TO WATER: 18.66 T/ PVC			TURBIDITY: 2.82 NTU		
DEPTH TO BOTTOM: NM T/ PVC			☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 8	☐ LITERS ☐ GALLONS		TEMPERATURE: 11.9 °C	OTHER:	
VOLUME REMOVED: 903	☐ LITERS ☑ GALLONS		COLOR: clear	ODOR: none	
COLOR: clear	ODOR:		FILTRATE (0.45 um) ☐ YES ☑ NO		
TURBIDITY			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☑ DUP-		
DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1037	21	6.75	2248	7.2	3.26	4.65	12.3	18.66	INITIAL
1038	|	6.98	2033	-16.9	1.22	0.88	11.8	|	840
1039	|	7.02	2010	-30.3	0.80	2.62	11.9	|	861
1040	|	7.03	2004	-33.3	0.64	0.90	11.8	|	882
1041	|	7.04	1996	-44.3	0.50	2.82	11.9	|	903

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- **0.1** COND.: +/- **10 %** ORP: +/- **NA** D.O.: +/- **NA** TURB: +/- **10 %** or </= **5** TEMP.: +/- **0.5°C**

BOTTLES FILLED | PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	500mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
2	500mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
2	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD:	courier	DATE SHIPPED:	10-8-25	AIRBILL NUMBER:	NA
COC NUMBER:	—	SIGNATURE:		DATE SIGNED:	10-7-25

WATER SAMPLE LOG

PROJECT NAME: DTE MON FAB/VEL 2SA25 Gr	PREPARED		CHECKED	
PROJECT NUMBER: 620063.0000.0000	BY: EW AY	DATE: 10/6/25	BY: A. Whaley	DATE 10/7/25

SAMPLE ID: MW-16-05 | WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 0942	DATE: 10/6/25	SAMPLE	TIME: 1056	DATE: 10/6/25

PURGE METHOD: ☑ PUMP ~~BLADDER PUMP (DEDICATED)~~ Artesian Well Water ☐ BAILER

DEPTH TO WATER: 10.34 T/ PVC

DEPTH TO BOTTOM: NM T/ PVC

WELL VOLUME: 7.5 ☐ LITERS ☒ GALLONS

VOLUME REMOVED: 518.0 ☐ LITERS ☒ GALLONS

COLOR: Clear ODOR: None

TURBIDITY ☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER

PH: 7.01 SU | CONDUCTIVITY: 2128 umhos/cm

ORP: -228.6 mV | DO: 0.64 mg/L

TURBIDITY: 2.46 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 12.2 °C | OTHER:

COLOR: Clear | ODOR: None

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: — | FILTRATE ODOR: —

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS:

TIME	PURGE RATE ~~(gal~~ (ML/MIN)	PH 6.5-7.1 (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GALOR L)
1050	7gal	6.82	2128	-208.5	3.88	2.88	12.9	+10.34	INITIAL — 476.0
1052	|	6.94	2128	-210.5	1.56	2.75	12.3	|	490.0
1054	|	7.02	2129	-215.9	0.80	2.81	12.2	|	504.0
1056	|	7.01	2128	-228.6	0.64	2.46	12.2	|	518.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- **0.1** COND.: +/- **10 %** ORP: +/- **NA** D.O.: +/- **NA** TURB: +/- **10 %** or **</= 5** TEMP.: +/- **0.5°C**

BOTTLES FILLED | PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	500mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	500mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: Courier	DATE SHIPPED: 10/8/25	AIRBILL NUMBER: NA
COC NUMBER: —	SIGNATURE: EW	DATE SIGNED: 10/7/25

TRC WATER SAMPLE LOG

PROJECT NAME:	DTE MON FAB/VEL 2SA25 Gr	PREPARED		CHECKED	
PROJECT NUMBER:	620063.0000.0000	BY: EW AY	DATE: 10-7-25	BY: EW	DATE: 10/7/25

SAMPLE ID: MW-16-06 | WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 1041	DATE: 10-7-25	SAMPLE	TIME: 1136	DATE: 10-7-25
PURGE METHOD:	☑ PUMP BLADDER PUMP (DEDICATED) ☐ BAILER		PH: 7.14 SU	CONDUCTIVITY: 1876 umhos/cm	
			ORP: 23.4 mV	DO: 0.54 mg/L	
DEPTH TO WATER: 1.43 T/ PVC			TURBIDITY: 6.04 NTU		
DEPTH TO BOTTOM: NM T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 8.5	☐ LITERS ☑ GALLONS		TEMPERATURE: 14.0 °C	OTHER:	
VOLUME REMOVED: 11	☑ LITERS ☐ GALLONS		COLOR: Slight grey	ODOR: none	
COLOR: Very brown	ODOR:		FILTRATE (0.45 um) ☐ YES ☑ NO		
TURBIDITY			FILTRATE COLOR: —	FILTRATE ODOR: —	
☐ NONE ☐ SLIGHT ☐ MODERATE ☑ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1041	200	7.09	1913	64.3	3.02	OVER	15.1	1.43	INITIAL
1046		7.13	1892	47.1	0.99	101.2	14.4		1
1051		7.13	1883	40.9	0.83	49.3	14.6		2
1056		7.13	1880	35.3	0.72	33.6	14.6		3
1101		7.13	1877	31.5	0.66	27.9	14.4		4
1106		7.13	1870	29.1	0.63	19.9	14.3		5
1111		7.13	1877	27.5	0.60	19.1	14.4		6
1116		7.14	1874	26.0	0.58	16.7	14.2		7
1121		7.14	1870	24.8	0.56	15.9	14.3		8
1126		7.14	1869	24.2	0.54	8.14	14.2		9

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- **0.1** COND.: +/- **10 %** ORP: +/- **NA** D.O.: +/- **NA** TURB: +/- **10 %** or </= **5** TEMP.: +/- **0.5°C**

BOTTLES FILLED — PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - ____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	500mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	500mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD:	Courier	DATE SHIPPED:	10-8-25	AIRBILL NUMBER:	NA
COC NUMBER:	—	SIGNATURE:		DATE SIGNED:	10-7-25

TRC

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME:	DTE MON FAB/VEL 2SA25 Gro	PREPARED			CHECKED		
PROJECT NUMBER:	620063.0000.0000	BY:	EW AY	DATE: 10-7-25	BY: EW	DATE: 10/7/25	

SAMPLE ID: MW-16-06

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1131	200	7.14	1877	23.7	0.54	7.01	14.1	1.43	10
1136	200	7.14	1876	23.4	0.54	6.04	14.0	1.43	14

SIGNATURE: [signature] DATE SIGNED: 10-7-25

WATER SAMPLE LOG

PROJECT NAME:	DTE MON FAB/VEL 2SA25 Gr	PREPARED			CHECKED		
PROJECT NUMBER:	620063.0000.0000	BY: (EW) AY	DATE: 10/6		BY: A. Wlby	DATE: 10/7/25	

SAMPLE ID: MW-16-07 | WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 0831	DATE: 10/6/25	SAMPLE	TIME: 1215	DATE: 10/6/25
PURGE METHOD:	☑ PUMP ~~BLADDER PUMP (DEDICATED)~~ Artesian well ☐ BAILER		PH: 7.06 SU	CONDUCTIVITY: 2117 umhos/cm	
			ORP: -274.4 mV	DO: 0.45 mg/L	
DEPTH TO WATER: +3.90 T/ PVC			TURBIDITY: 2.60 NTU		
DEPTH TO BOTTOM: NM T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 6 ☐ LITERS ☒ GALLONS			TEMPERATURE: 12.6 °C	OTHER:	
VOLUME REMOVED: 336 ☐ LITERS ☒ GALLONS			COLOR: Clear	ODOR: None	
COLOR: Clear ODOR: None			FILTRATE (0.45 um) ☐ YES ☑ NO		
TURBIDITY			FILTRATE COLOR: —	FILTRATE ODOR: —	
☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH 6.9-7.4 (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1203	1.5	7.15	2120	-283.1	1.82	1.68	12.8	3.90	INITIAL — 318.0
1207	|	7.08	2118	-257.7	0.66	1.76	12.7	|	324.0
1211	|	7.06	2118	-268.9	0.52	2.12	12.6	|	330.0
1215	|	7.06	2117	-274.4	0.45	2.60	12.6	|	336.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 % ORP: +/- NA D.O.: +/- NA TURB: +/- 10 % or </= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	500mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	500mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD:	Courier	DATE SHIPPED:	10/8/25	AIRBILL NUMBER:	NA
COC NUMBER:	~	SIGNATURE:	EW	DATE SIGNED:	10/7/25

TRC

WATER SAMPLE LOG

PROJECT NAME: DTE MON FAB/VEL 2SA25 Gr	PREPARED			CHECKED		
PROJECT NUMBER: 620063.0000.0000	BY: (EW) AY	DATE: 10/6/25		BY: A. White	DATE: 10/7/25	

SAMPLE ID: MP-001F

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☑ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:

PURGE METHOD: ☑ PUMP BLADDER PUMP (DEDICATED) ☐ BAILER

DEPTH TO WATER: _____ T/ PVC

DEPTH TO BOTTOM: _____ T/ PVC

WELL VOLUME: ☐ LITERS ☐ GALLONS

VOLUME REMOVED: _____ ☐ LITERS ☐ GALLONS

COLOR: _____ ODOR: _____

TURBIDITY

☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD: ☑ GROUND ☐ DRUM ☐ OTHER

SAMPLE	TIME:	DATE:

PH: _____ SU CONDUCTIVITY: _____ umhos/cm

ORP: _____ mV DO: _____ mg/L

TURBIDITY: _____ NTU

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: _____ °C OTHER: _____

COLOR: _____ ODOR: _____

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: _____ FILTRATE ODOR: _____

QC SAMPLE: ☐ MS/MSD ☐ DUP- _____

COMMENTS:

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
Sample Locations Dry									
* NO SAMPLE									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- **0.1** COND.: +/- **10 %** ORP: +/- **NA** D.O.: +/- **NA** TURB: +/- **10 %** or </= **5** TEMP.: +/- **0.5°C**

BOTTLES FILLED — PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
1	500mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
1	500mL	PLASTIC	B	☐ Y ☑ N					☐ Y ☐ N
1	60 mL	PLASTIC	A	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD:	DATE SHIPPED:	AIRBILL NUMBER: NA
COC NUMBER:	SIGNATURE:	DATE SIGNED:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: E.Wiegopdek A. Yaasin	Lab PM: Brooks, Kris M	Carrier Tracking No(s):	COC No: 240-137402-41639.1
Client Contact: Mr. Vincent Buening	Phone: 959-273-2016	E-Mail: Kris.Brooks@et.eurofinsus.com	State of Origin: MI	Page: Page 1 of 1
Company: TRC Environmental Corporation.	PWSID:			Job #:

Address: 1540 Eisenhower Place	Due Date Requested: Standard	Analysis Requested	Preservation Codes: N - None D - HNO3
City: Ann Arbor	TAT Requested (days): Standard		
State, Zip: MI, 48108-7080	Compliance Project: Δ Yes Δ No		
Phone: 313-971-7080(Tel) 313-971-9022(Fax)	PO #: 229280		
Email: vbuening@trccompanies.com	WO #:		
Project Name: CCR DTE Monroe Plant FAB/VEL	Project #: 24016830		
Site:	SSOW#:		Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C_Calcd - TDS	9056A_28D - Chloride, Fluoride and Sulfate	6010B Bo, 6020 ca, Fe	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	D		
MW-16-01	10/6/25	1206	G	Water	N	N	X		X		
MW-16-02	10/7/25	0936	G	Water	N	N	X		X		
MW-16-03	10/6/25	1128	G	Water	N	N	X		X		
MW-16-04	10/6/25	1041	G	Water	N	N	X		X		
MW-16-05	10/6/25	1056	G	Water	N	N	X		X		
MW-16-06	10/7/25	1136	G	Water	N	N	X		X		
MW-16-07	10/6/25	1215	G	Water	N	N	X		X		
DUP-01	10/6/25	—	G	Water	N	N	X		X		
~~MP-001F~~				~~Water~~							
				Water							

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: E Wiegopdek	Date/Time: 10/7/25 1320	Company: TRC	Received by: TRC Sample Fridge	Date/Time: 10/7/25 1320	Company: TRC
Relinquished by: E Wiegopdek	Date/Time: 10/8/25 0946	Company: TRC	Received by:	Date/Time: 10/8/25 0946	Company: EFTA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Appendix C
Data Quality Reviews

Laboratory Data Quality Review
Groundwater Monitoring Event April 2025
DTE Electric Company Monroe Power Plant Fly Ash Basin and Vertical Extension Landfill (MONPP FAB & VEL)

Groundwater samples were collected by TRC for the April 2025 sampling event. Samples were analyzed for anions, total metals, and total dissolved solids by Eurofins Cleveland, located in Barberton, Ohio. The laboratory analytical results are reported in laboratory report 240-223495-1.

During the April 2025 sampling event, a groundwater sample was collected from each of the following wells:

- MW-16-01
- MW-16-02
- MW-16-03
- MW-16-04
- MW-16-05
- MW-16-06
- MW-16-07

Each sample was analyzed for the following constituents:

Analyte Group	Method
Anions (Chloride, Fluoride, Sulfate)	SW846 9056A
Total Boron	SW846 3005A/6010D
Total Calcium	SW846 3005A/6020B
Total Dissolved Solids (TDS)	SM 2540C-2020

TRC reviewed the laboratory data to assess data usability. The following sections summarize the data review procedure and the results of the review.

Data Quality Review Procedure

The analytical data were reviewed using the USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review (USEPA, 2020). The following items were included in the evaluation of the data:

- Chain-of-custody (COC) and data completeness;
- Sample receipt, as noted in the cover page or case narrative;
- Technical holding times for analyses;
- Reporting limits (RLs) compared to project-required RLs;
- Data for method blanks, equipment blanks, and field blanks. Method blanks are used to assess potential contamination arising from laboratory sample preparation and/or analytical procedures. Field and equipment blanks are used to assess potential contamination arising from field procedures;
- Data for laboratory control samples (LCSs) and laboratory control sample duplicates (LCSDs), when performed. The LCSs and/or LCSDs are used to assess the accuracy of the analytical method using a clean matrix;

- Percent recoveries for matrix spike (MS) and matrix spike duplicates (MSD), when performed on project samples. Percent recoveries are calculated for each analyte spiked and used to assess bias due to sample matrix effects;
- Data for laboratory duplicates, when performed on project samples. The laboratory duplicates are replicate analyses of one sample and are used to assess the precision of the analytical method;
- Data for blind field duplicates. Field duplicate samples are used to assess variability introduced by the sampling and analytical processes; and
- Overall usability of the data.

This data usability report addresses the following items:

- Usability of the data if quality control (QC) results suggest potential problems with all or some of the data;
- Actions regarding specific QC criteria exceedances.

Review Summary

The data quality objectives and laboratory completeness goals for the project were met, and the data are usable for their intended purpose. A summary of the data quality review, including non-conformances and issues identified in this evaluation, are noted below.

- The reviewed Appendix III constituents will be utilized for the purposes of a statistical monitoring program.
- Data are usable for the purposes of the monitoring program.
- When the data are evaluated through a statistical program, findings below may be used to support the removal of outliers.

QA/QC Sample Summary

- Sample reports were checked to verify that the results corresponded to analytical requests as designated on the COC. The following discrepancies were noted:
  - The laboratory reported boron using SW846 method 6010D rather than 6010B as listed in the quality assurance project plan (QAPP) and as requested on the COC. There was no adverse impact on the data usability due to this issue.
- The cooler temperature was between 0-6°C and acid was used for sample preservation, as applicable.
- All preparation and analysis holding time requirements were met.
- Target analytes were not detected in the method blanks.
- A field blank and equipment blank were not collected with this data set.
- LCS recoveries for all target analytes were within laboratory control limits.
- MS/MSD analyses were performed on sample MW-16-02 for boron and calcium. The recoveries of calcium in the MS and MSD performed on sample MW-16-02 were below the laboratory acceptance limits. However, data usability was not affected since the concentration of calcium in the parent sample was greater than four times the spike concentration.

- Laboratory duplicate analyses were performed on samples MW-16-02 for TDS; the RPDs were within the QC limit.
- Samples DUP-01 and MW-16-05 were submitted as the field duplicate pair with this data set; all criteria were met.
- The RLs met the project requirements and were deemed suitable for data usability.
  - The RL for TDS (20 µg/L) in samples MW-16-01, MW-16-02, MW-16-03, MW-16-04, MW-16-05, MW-16-06, MW-16-07, and DUP-01 was greater than the QAPP-specified RL (10 µg/L); a lower volume was likely analyzed due to conductivity. There is no adverse impact on the data usability since TDS was detected in the listed samples.
- The following dilutions were performed on the samples in this data set; RLs were elevated accordingly by the laboratory:
  - Samples MW-16-01, MW-16-02, MW-16-03, MW-16-04, MW-16-05, MW-16-06, MW-16-07, and DUP-01 were diluted 10-fold for sulfate likely due to the concentrations of sulfate that exceeded the calibration range when analyzed undiluted. There is no impact on data usability due to this issue since sulfate was detected above the RL in these samples.

Laboratory Data Quality Review
Groundwater Monitoring Event October 2025
DTE Electric Company Monroe Power Plant Fly Ash Basin and Vertical Extension Landfill (MONPP FAB & VEL)

Groundwater samples were collected by TRC for the October 2025 sampling event. Samples were analyzed for anions, total metals, and total dissolved solids by Eurofins Cleveland, located in Barberton, Ohio. The laboratory analytical results are reported in laboratory report 240-234880-1.

During the October 2025 sampling event, a groundwater sample was collected from each of the following wells:

- MW-16-01
- MW-16-02
- MW-16-03
- MW-16-04
- MW-16-05
- MW-16-06
- MW-16-07

Each sample was analyzed for the following constituents:

Analyte Group	Method
Anions (Chloride, Fluoride, Sulfate)	SW846 9056A
Total Boron	SW846 3005A/6010D
Total Calcium	SW846 3005A/6020B
Total Dissolved Solids (TDS)	SM 2540C-2020

TRC reviewed the laboratory data to assess data usability. The following sections summarize the data review procedure and the results of the review.

Data Quality Review Procedure

The analytical data were reviewed using the USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review (USEPA, 2020). The following items were included in the evaluation of the data:

- Chain-of-custody (COC) and data completeness;
- Sample receipt, as noted in the cover page or case narrative;
- Technical holding times for analyses;
- Reporting limits (RLs) compared to project-required RLs;
- Data for method blanks, equipment blanks, and field blanks. Method blanks are used to assess potential contamination arising from laboratory sample preparation and/or analytical procedures. Field and equipment blanks are used to assess potential contamination arising from field procedures;
- Data for laboratory control samples (LCSs) and laboratory control sample duplicates (LCSDs), when performed. The LCSs and/or LCSDs are used to assess the accuracy of the analytical method using a clean matrix;

- Percent recoveries for matrix spike (MS) and matrix spike duplicates (MSD), when performed on project samples. Percent recoveries are calculated for each analyte spiked and used to assess bias due to sample matrix effects;
- Data for laboratory duplicates, when performed on project samples. The laboratory duplicates are replicate analyses of one sample and are used to assess the precision of the analytical method;
- Data for blind field duplicates. Field duplicate samples are used to assess variability introduced by the sampling and analytical processes; and
- Overall usability of the data.

This data usability report addresses the following items:

- Usability of the data if quality control (QC) results suggest potential problems with all or some of the data;
- Actions regarding specific QC criteria exceedances.

Review Summary

The data quality objectives and laboratory completeness goals for the project were met, and the data are usable for their intended purpose. A summary of the data quality review, including non-conformances and issues identified in this evaluation, are noted below.

- The reviewed Appendix III constituents will be utilized for the purposes of a statistical monitoring program.
- Data are usable for the purposes of the monitoring program.
- When the data are evaluated through a statistical program, findings below may be used to support the removal of outliers.

QA/QC Sample Summary

- Sample reports were checked to verify that the results corresponded to analytical requests as designated on the COC. The following issue was noted:
  - The laboratory reported boron using SW846 method 6010D and calcium using 6020B rather than 6020, as requested on the COC. There was no adverse impact on the data usability due to this issue.
- The cooler temperature was between 0-6°C and acid was used for sample preservation, as applicable.
- All preparation and analysis holding time requirements were met.
- Target analytes were not detected in the method blanks.
- A field blank and equipment blank were not collected with this data set.
- LCS recoveries for all target analytes were within laboratory acceptance limits.
- MS/MSD analyses were performed on sample MW-16-01 for boron, and calcium. The recoveries of calcium in the MS and MSD performed on sample MW-16-01 were outside of the laboratory acceptance limits. However, data usability was not affected since the concentration of calcium in the parent sample was greater than four times the spike concentration.

- Laboratory duplicate analyses were performed on samples MW-16-01 and DUP-01 for TDS; the RPDs were within the laboratory acceptance limit.
- Samples DUP-01 and MW-16-04 were submitted as the field duplicate pair with this data set; all criteria were met.
- The RLs met the project requirements and were deemed suitable for data usability.
- The following dilutions were performed on the samples in this data set; RLs were elevated accordingly by the laboratory:
  - All groundwater samples in this data set were diluted 10-fold for sulfate, likely due to the concentrations of sulfate which exceeded the calibration range when analyzed undiluted. There is no impact on data usability due to this issue since sulfate was detected above the RL in these samples.
  - The RL for TDS in all groundwater samples in this data set (20 mg/L) was 2x greater than the associated method blank (10 mg/L); a lower volume was likely analyzed due to conductivity. There was no adverse impact on the data usability due to this issue since TDS was detected above the RL in these samples.