MICHIGAN
CONSULTING & ENVIRONMENTAL

Existing Groundwater Monitoring Well Network Baseline Study



Site:
Beautify Pullman
Pullman, MI 49450
MCE Project No. 51948

Prepared For:
Beautify Pullman
5594 North Avenue
Pullman, MI 49450

Date: July 24, 2026

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July 24, 2026

Beautify Pullman
5594 North Avenue
Pullman, MI 49450

Re: Existing Groundwater Monitoring Well Network Baseline Study
Beautify Pullman
Pullman, MI 49450
MCE Project #51948

Dear Ms. Patty Conway,

Michigan Consulting & Environmental (MCE) has completed the Existing Groundwater Monitoring Well Network Baseline Study for the Village of Pullman, Lee Township, Allegan County, Michigan. The enclosed technical memorandum documents the field activities, groundwater elevation and flow evaluation, analytical results, data quality review, conclusions, and recommendations associated with the baseline groundwater sampling event.

The work was completed in general accordance with the approved Existing Groundwater Monitoring Well Network Baseline Study, Quality Assurance Project Plan, Version 1.3, dated May 11, 2026, and approved May 21, 2026, except as otherwise noted in the memorandum.

Based on the findings of the baseline study, VOC impacts remain present in groundwater, PFAS were detected throughout the monitoring wells sampled, and PFOA exceeded the project screening criterion at select wells. Metals were detected at low concentrations and did not exceed project screening criteria. The analytical data are considered usable for the intended screening-level evaluation.

The enclosed memorandum provides current groundwater quality information and recommendations for future evaluation of potential drinking water resources in the Pullman area. If you have any questions or comments, please call MCE at (989) 772-2441.
Sincerely,

Michigan Consulting & Environmental

Ian Temchin, PMP
Project Manager

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1.0 INTRODUCTION

Michigan Consulting & Environmental (MCE) prepared this technical memorandum to document implementation of the Existing Groundwater Monitoring Well Network Baseline Study in Pullman, Lee Township, Allegan County, Michigan. The work was completed on behalf of Beautify Pullman under the Great Lakes Thriving Communities Grantmaking Program, TCGM Assigned Grant Number TCEJ FR-00474.

The purpose of the baseline study was to evaluate current groundwater conditions within an existing groundwater monitoring well network. The investigation included collection of groundwater elevation measurements and groundwater samples from accessible existing monitoring wells to characterize the presence and distribution of contaminants associated with historical industrial operations and to evaluate groundwater quality relative to the project screening levels.

Field activities were conducted in general accordance with the approved Quality Assurance Project Plan (QAPP), Existing Groundwater Monitoring Well Network Baseline Study, Version 1.3, approved May 21, 2026, except as otherwise noted in this memorandum. This memorandum summarizes the project background, scope of work, field procedures, groundwater elevation and flow interpretation, analytical results, data quality considerations, findings, conclusions, and recommendations. The results of this investigation are intended to provide a screening-level evaluation of groundwater conditions at the sampled monitoring well locations and do not constitute a comprehensive delineation of groundwater impacts or a determination of groundwater suitability for unrestricted potable use throughout the broader study area.

2.0 BACKGROUND

The project study area is located within the Village of Pullman, Lee Township, Allegan County, Michigan. The site location is depicted in **Figure 1**. Surrounding land use is primarily residential, with some commercial and light industrial properties. Scott Creek flows through the Village and drains to the Black River west of the study area.

Groundwater contamination in the Pullman area has been documented since the early 1990s, when sampling of residential drinking water wells identified volatile organic compounds (VOCs) in response to odor complaints. Historical documentation indicates that the primary contaminants of concern included chlorinated VOCs, including tetrachloroethene (PCE), trichloroethene (TCE), 1,1,1-trichloroethane (1,1,1-TCA), and related degradation products. The contamination has been associated with historic operations at Pullman Industries, which previously manufactured automotive trim components at 5576 109th Avenue in Pullman, Michigan.

Response actions conducted during the 1990s and early 2000s included provision of bottled water, replacement of impacted residential wells, installation of a shared public water supply well, soil and groundwater investigations, remedial planning, and limited pilot-scale remediation.

Historical investigations identified an unconfined shallow aquifer and a VOC groundwater plume generally associated with the former Pullman Industries facility.

The 2005 Remedial Investigation Addendum further evaluated plume conditions, vertical contaminant distribution, and the relationship between impacted groundwater and Scott Creek. That investigation interpreted groundwater flow in the upper aquifer as generally northwest to southwest toward Scott Creek and concluded that Scott Creek functioned as a groundwater discharge feature and hydraulic boundary at that time. The report also noted evidence suggesting that attenuation processes may have been occurring within the aquifer, while recommending continued monitoring and additional evaluation.

Several remedial actions were planned or evaluated historically, including soil vapor extraction, air sparging, groundwater extraction and treatment, monitored natural attenuation, source-area characterization, and continued groundwater monitoring. However, documentation reviewed for the project indicates that full implementation of a groundwater control and treatment system was not completed. More recent environmental activity appears to have been limited primarily to sampling and related evaluation.

The current baseline study was designed to build on the historical investigation record by evaluating present-day groundwater conditions within the existing monitoring well network. The results are intended to support community understanding of groundwater conditions and provide a screening-level basis for evaluating potential response considerations and future investigation needs.

3.0 SCOPE OF WORK

The scope of work for the baseline groundwater sampling event was completed in general accordance with the approved QAPP, Existing Groundwater Monitoring Well Network Baseline Study, Version 1.3. As described in the QAPP, the field program consisted of synoptic groundwater elevation gauging and groundwater sampling of accessible monitoring wells within the existing monitoring well network.

The QAPP identified 11 monitoring wells for sampling: MW-5, MW-6, MW-7, MW-9, MW-10, MW-11S, MW-11D, MW-13, MW-14S, MW-14I, and MW-14D. During field reconnaissance, MW-5 and MW-10 were determined to have been abandoned or destroyed and were not available for sampling. Additional monitoring wells were identified during the reconnaissance activities, and MW-3S and MW-3D were selected from these as replacement sampling locations to provide additional representation of groundwater conditions in the source-area portion of the monitoring well network. The final sampling network consisted of 11 monitoring wells: MW-3S, MW-3D, MW-6, MW-7, MW-9, MW-11S, MW-11D, MW-13, MW-14S, MW-14I, and MW-14D. The monitoring well locations are depicted in **Figure 2**.

Groundwater samples were submitted for laboratory analysis of VOCs, including 1,4-dioxane, Michigan 10 metals (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn) as identified in the QAPP, and per- and polyfluoroalkyl substances (PFAS), consistent with the analytical program described in the QAPP. Field quality assurance/quality control (QA/QC) activities included collection of applicable field QA/QC samples, field parameter monitoring during low-flow purging, sample handling and chain-of-custody documentation, and management of investigation-derived monitoring well purge water waste generated during the sampling event.

4.0 FIELD PROCEDURES

4.1 Monitoring Well Inspection and Reconnaissance

Prior to groundwater sampling, MCE conducted monitoring well inspection and reconnaissance activities to locate and assess the condition of existing monitoring wells within the study area. Monitoring wells identified during the planning process were inspected for accessibility and general condition. During the reconnaissance activities, MW-5 and MW-10 were determined to have been abandoned or destroyed and were not available for sampling. Seven additional monitoring wells were identified during reconnaissance, including MW-3S and MW-3D, which were selected as replacement sampling locations to provide additional representation of groundwater conditions in the source-area portion of the existing monitoring well network.

4.2 Synoptic Groundwater Elevation Gauging

Prior to sample collection, accessible monitoring wells were opened and allowed to equilibrate to ambient conditions. Depth to groundwater was measured from the top of casing using an electronic water level meter. Groundwater depth measurements were recorded for use in evaluating groundwater elevation, groundwater flow direction, and hydraulic gradient within the shallow aquifer.

Intermediate and deep monitoring wells within nested well clusters were also gauged and reviewed for comparison to corresponding shallow wells. Groundwater elevation contours and horizontal groundwater flow direction were interpreted using shallow-aquifer monitoring wells, as discussed in Section 5.0 and depicted in **Figure 3**.

Groundwater elevation gauging records and related field documentation are provided in **Appendix A**.

4.3 Groundwater Sampling

Groundwater samples were collected using low-flow purging and sampling methods in general accordance with the approved QAPP. Monitoring wells were purged using a peristaltic pump and dedicated polyethylene tubing. Water quality indicator parameters were monitored during purging using a calibrated water quality meter and flow-through cell.

Field parameters recorded during purging included pH, dissolved oxygen, specific conductance, temperature, oxidation-reduction potential, and turbidity. Samples were collected following stabilization of field parameters or otherwise in accordance with the procedures established in the QAPP and documented on field forms.

Groundwater samples were collected directly into laboratory-supplied containers for the requested analyses. VOC sample containers were filled to minimize agitation and avoid headspace. PFAS samples were collected using PFAS-compatible sampling precautions and materials, and PFAS sample containers were filled prior to containers for other analytical parameters at each monitoring well.

Field calibration records, low-flow sampling forms, and related groundwater sampling documentation are provided in **Appendix A**.

4.4 Sample Handling and Custody

Sample containers were labeled with the project number, sample identification, collection date, and collection time. Following collection, samples were placed in coolers with ice and maintained under appropriate temperature conditions pending transfer to the laboratory courier.

Chain-of-custody documentation was completed for the sample shipment. The chain-of-custody record documented sample identifications, collection dates and times, requested analyses, and custody transfer. Samples were transferred directly to the laboratory courier under chain-of-custody documentation.

Custody seals were not affixed to the sample coolers prior to transfer. The laboratory sample receipt documentation noted the absence of custody seals; however, no discrepancies were identified regarding sample identities, container condition, preservation, temperature, or holding time requirements. This deviation is discussed further in Sections 4.6 and 7.1.

4.5 Investigation-Derived Waste

Investigation-derived waste (IDW) generated during groundwater sampling included approximately 35 gallons of purge water and disposable sampling materials. Purge water was containerized in a new 55-gallon steel drum and staged at the Beautify Pullman office pending characterization and disposal. Disposable sampling materials, including used tubing, gloves, and incidental sampling debris, were managed separately and disposed of as general solid waste.

Purge water disposal is in process, and disposal documentation will be maintained in the project file following completion of disposal activities and made available upon request.

4.6 Deviations from the Approved QAPP

Field activities were completed in general accordance with the approved QAPP, with the following deviations documented during implementation of the groundwater sampling event:

MW-5 and MW-10, which were identified for sampling in the approved QAPP, were determined during field reconnaissance to have been abandoned or destroyed and were not available for sampling. MW-3S and MW-3D were selected as replacement sampling locations from additional monitoring wells identified during reconnaissance.

Custody seals were not affixed to the sample coolers prior to transfer to the laboratory courier since the samples were transferred directly to the laboratory courier under chain-of-custody documentation. The laboratory noted the absence of custody seals upon receipt, but no sample identity, container condition, preservation, temperature, or holding time discrepancies were reported.

The potential impacts of these deviations on data usability are discussed in Section 7.0.

5.0 GROUNDWATER ELEVATION AND FLOW INTERPRETATION

Synoptic groundwater elevation measurements were collected on June 18, 2026, prior to groundwater sample collection. Groundwater elevation contours and horizontal groundwater flow direction were interpreted using seven shallow monitoring wells screened within the shallow water-bearing interval historically interpreted as part of the unconfined aquifer.

Intermediate and deep monitoring wells within nested well clusters were also gauged and reviewed relative to the corresponding shallow wells. Groundwater elevations were generally similar across the nested intervals, and no substantial vertical hydraulic head difference was observed during the gauging event.

Groundwater elevations in the shallow monitoring wells ranged from approximately 639.05 feet above mean sea level (amsl) to 644.85 feet amsl, with an average groundwater elevation of approximately 641.77 feet amsl. Based on these measurements, shallow groundwater flow was interpreted generally toward the west-southwest, with an estimated hydraulic gradient of approximately 0.00472 feet per foot. Groundwater elevations, contours, and interpreted groundwater flow direction are depicted in **Figure 3**.

A plane-fit evaluation was completed using the shallow groundwater elevation data to support the groundwater flow interpretation. The plane-fit evaluation supported the interpreted west-southwest flow direction and indicated that localized variation between individual wells did not alter the overall interpretation. Plane-fit diagnostic output and residual results are provided in **Appendix B**.

The interpreted west-southwest groundwater flow direction is broadly consistent with historical interpretations of groundwater flow toward Scott Creek. The groundwater elevation and flow interpretation is based on a single gauging event and provides a hydraulic framework for evaluating the current groundwater analytical results.

6.0 ANALYTICAL RESULTS

6.1 Screening Level Comparison

The purpose of the baseline sampling event was to evaluate current groundwater quality in support of identifying potential future drinking water resources for Pullman residents. Based on this objective, the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Part 201 drinking water criteria were adopted as the project screening criteria for evaluating the groundwater analytical results. The screening comparison included the analytical groups identified in the approved QAPP, including VOCs, PFAS, and metals.

The screening comparison is intended to identify detected compounds that may be relevant to future drinking water planning and to summarize current groundwater conditions within the sampled monitoring well network. The screening comparison is provided for planning and evaluation purposes only and does not constitute a determination regarding the use of groundwater as a potable water source from the sampled monitoring wells or the broader study area. Analytical results are summarized in **Tables 1-3**, and detected compounds are depicted in **Figure 4**.

6.2 Volatile Organic Compounds

VOCs were detected in multiple monitoring wells during the baseline sampling event. Detected VOCs included chlorinated compounds historically associated with the Pullman groundwater plume, including PCE, TCE, 1,1,1-TCA, and related degradation products.

VOC concentrations exceeded the project screening criteria at select monitoring wells, with primary exceedances identified at MW-3S, MW-6, and MW-14I. MW-3S is located in the source-area portion of the existing monitoring well network, MW-6 is located downgradient of the source-area wells, and MW-14I is located farther downgradient and immediately upgradient of Scott Creek. These results indicate that VOC impacts remain present from the source-area portion of the sampled network through downgradient monitoring locations near Scott Creek.

Lower-level VOC detections were also identified in several additional monitoring wells, including wells within the MW-11 and MW-14 nested well clusters. The distribution of VOCs indicates that chlorinated impacts remain present within the existing monitoring well network, including both source-area and downgradient monitoring locations.

Analytical results for VOCs are summarized in **Table 1** and depicted in **Figure 4**. The complete laboratory analytical data report is provided in **Appendix C**.

6.3 Per- and Polyfluoroalkyl Substances

PFAS were detected in all groundwater samples. Detected PFAS included PFOA, PFOS, PFBS, PFHxS, PFNA, PFHxA, PFBA, PFHpA, PFPeA, and PFPeS.

PFOA exceeded the screening criterion at MW-3S and MW-11S. Other detected PFAS were reported below their respective screening criteria where criteria have been established. Several detected PFAS do not currently have listed drinking water criteria.

Analytical results for PFAS are summarized in **Table 2** and depicted in **Figure 4**. The complete laboratory analytical data report is provided in **Appendix C**.

6.4 Metals

Metals were detected in all groundwater samples. Detected metals included arsenic, barium, copper, mercury, and zinc.

Detected metals were reported at concentrations below their respective screening criteria and no exceedances of the screening criteria for metals were identified.

Analytical results for metals are summarized in **Table 3** and depicted in **Figure 4**. The complete laboratory analytical data report is provided in **Appendix C**.

7.0 DATA QUALITY ASSESSMENT AND DATA USABILITY EVALUATION

7.1 Sample Receipt and Custody

Sample receipt and custody documentation were reviewed to evaluate whether samples were received by the laboratory in acceptable condition.

Groundwater samples were received by Metiri on June 23, 2026, under chain-of-custody. The laboratory receipt documentation indicated that samples were received on ice at 2.4°C, within the acceptable temperature range for proper sample preservation. Appropriately preserved sample containers were received intact and in good condition, labeled in agreement with the chain-of-custody, and with sufficient holding time remaining for the requested analyses. Additionally, samples submitted for volatile organic analysis were free of headspace.

Samples collected for 1,4-dioxane analysis were submitted by Metiri to Merit Laboratories for subcontract analysis under laboratory custody documentation, in accordance with the approved QAPP.

Custody seals were not present on the coolers at receipt. This represents a deviation from the approved QAPP; however, the samples were transferred directly to the laboratory courier under chain-of-custody, and the laboratory did not identify discrepancies or ambiguities regarding sample identity, container quantity, condition, preservation, temperature, or holding time. Based on direct courier transfer and acceptable receipt conditions, the absence of custody seals is not expected to affect the usability of the analytical data.

7.2 Field Quality Assurance/Quality Control

Field quality assurance/quality control (QA/QC) samples included one duplicate groundwater sample and two trip blanks. The duplicate sample was collected from MW-7 and analyzed for the same analytical parameters as the primary groundwater sample. One trip blank accompanied the primary VOC sample set, and a second trip blank accompanied the samples submitted for 1,4-dioxane analysis.

The MW-7 duplicate results were generally consistent with the primary MW-7 sample results. VOCs were not detected in either the primary or duplicate sample. PFAS results were similar between the primary and duplicate samples, and metals results were generally consistent, with minor differences near laboratory reporting limits. The duplicate results indicate acceptable field precision for the purposes of this baseline evaluation.

VOCs were not detected in trip blank TB007090 and 1,4-dioxane was not detected in trip blank TB007091. The trip blank results do not indicate that sample handling or transport introduced VOC contamination into the groundwater samples.

Analytical results for the QA/QC samples are summarized in **Tables 1-3**. The complete laboratory analytical data report is provided in **Appendix C**.

7.3 Laboratory Quality Assurance/Quality Control

Laboratory QA/QC documentation was reviewed for the requested analyses, including method blanks, laboratory control samples (LCS), laboratory control sample duplicates (LCSD), initial calibration verification (ICV) results, continuing calibration verification (CCV) results, surrogate recoveries, and reported qualifiers. The laboratory case narrative identified qualifications for some PFAS and VOC results.

For PFAS, select samples were qualified due to LCS, low-level control sample, method reporting limit, or CCV recoveries outside control limits. For VOCs, select analytes were qualified due to high LCS, LCSD, CCV, or ICV results. The associated qualifier definitions indicate that the affected recoveries or verification results exceeded upper control limits and that results may be biased high. The qualified results were reported as non-detect at their respective laboratory reporting limits. The high-bias qualifications support the reliability of the affected non-detect

results for screening purposes because any bias would be expected to make reported concentrations higher than the actual concentrations, rather than lower.

Reported surrogate recoveries for the project samples were within laboratory control limits. No laboratory QA/QC issue was identified that would materially affect the use of the data for the screening-level evaluation. Qualified results were retained and used as reported.

7.4 Data Usability Evaluation

Based on review of sample receipt conditions, custody documentation, field QA/QC samples, laboratory QA/QC results, and reported qualifiers, the analytical data are considered usable for the intended screening-level evaluation. Qualified results were retained and used as reported.

8.0 DISCUSSION

The baseline sampling results were evaluated in relation to groundwater flow direction, historical contaminant distribution, and the project objective of supporting future drinking water resource planning. The discussion below focuses on VOC and PFAS results, which represent the primary findings relevant to the project objective. Metals were detected at low concentrations, consistent with naturally-occurring metals concentrations in groundwater in Michigan, and no concentrations exceeding the screening criteria were identified.

8.1 Groundwater Flow Interpretation

Shallow groundwater flow was interpreted generally toward the west-southwest, toward Scott Creek. This interpreted flow direction is broadly consistent with historical interpretations of groundwater flow toward Scott Creek and provides a framework for evaluating contaminant distribution within the sampled monitoring well network.

8.2 Distribution of Volatile Organic Compounds

VOCs exceeded screening criteria at MW-3S, MW-6, and MW-14I. MW-3S is in the source-area portion of the sampled monitoring well network. MW-6 is located downgradient of the source-area wells, and MW-14I is located farther downgradient, immediately upgradient of Scott Creek. The distribution of VOC exceedances indicates that chlorinated VOC impacts remain present along the interpreted groundwater flow path from the source-area portion of the sampled network toward Scott Creek.

Lower-level VOC detections were also identified in additional wells, including wells within the MW-11 and MW-14 nested well clusters. These detections further indicate that VOC impacts remain present within the existing monitoring well network, including locations where concentrations did not exceed the screening criteria.

The detected VOC distribution included parent chlorinated compounds, including PCE and TCE, as well as degradation products, including cis-1,2-DCE and vinyl chloride. Parent compounds were most prominent at MW-3S, MW-6, and MW-14I, while lower-level degradation products were detected in additional wells, including MW-11D and MW-14D. This distribution indicates that chlorinated VOC impacts vary by location and screened interval within the sampled monitoring well network.

The current results are consistent with the historical understanding that Scott Creek is an important hydraulic and interpretive feature for the Pullman groundwater plume. However, the baseline sampling event did not include monitoring wells downgradient or south of Scott Creek; therefore, the current data do not define groundwater quality beyond that portion of the monitoring network.

8.3 Distribution of Per- and Polyfluoroalkyl Substances

PFAS were detected in all monitoring wells sampled. PFOA exceeded the screening criterion at MW-3S and MW-11S; other detected PFAS were reported below screening criteria where criteria have been established.

PFAS detections were not limited to wells with VOC impacts, and the highest reported PFAS concentrations were identified in the MW-11 well cluster. The PFAS distribution does not directly mirror the VOC distribution and indicates a separate groundwater quality consideration. PFAS should be retained as an analytical parameter in future groundwater evaluations for potential drinking water resources.

8.4 Evaluation of Existing Monitoring Well Network

The baseline sampling event provided current groundwater quality data for the sampled portion of the existing monitoring well network. The approved QAPP identified MW-5 and MW-10 for sampling; however, MW-5 was previously documented as destroyed, and MW-10 could not be located and appears to no longer be present at the mapped location. During field reconnaissance, MW-3S, MW-3I, and MW-3D were identified near the source area, and MW-3S and MW-3D were selected as replacement sampling locations.

Additional existing monitoring wells were also identified during reconnaissance, including MW-2, MW-24S, MW-24I, and MW-26. MW-24S, MW-24I, and MW-26 are located south of Scott Creek and generally downgradient of the MW-14 well cluster. These wells were not included in the baseline sampling event.

As a result, the current dataset does not represent the full existing monitoring well network and does not fully define the lateral or vertical extent of VOC or PFAS impacts in groundwater. Additional existing monitoring wells may also be present in the broader study area, particularly in areas not proximate to the monitoring wells prescribed in the approved QAPP. The baseline

results provide useful current groundwater quality information for the sampled portion of the monitoring network and identify existing wells that may be considered for future evaluation, if additional assessment of potential drinking water resources is pursued.

9.0 CONCLUSIONS

The following conclusions are based on the June 2026 field activities, laboratory analytical results, groundwater elevation and flow evaluation, and data quality review presented in this memorandum.

- Field activities were completed in general accordance with the approved QAPP, with documented deviations that are not expected to affect data usability.
- Shallow groundwater flow was interpreted generally toward the west-southwest, toward Scott Creek.
- VOC impacts remain present. VOC concentrations exceeded Part 201 drinking water screening criteria at MW-3S, MW-6, and MW-14I.
- PFAS were detected in all monitoring wells sampled. PFOA exceeded the screening criterion at MW-3S and MW-11S.
- Metals were detected at low concentrations and did not exceed screening criteria.
- The analytical data are usable for the intended screening-level evaluation.
- The baseline results provide current groundwater quality information and support future evaluation of potential drinking water resources in the greater Pullman area.

10.0 RECOMMENDATIONS

Based on the baseline groundwater sampling results, the following recommendations are provided for consideration during future groundwater evaluation and planning activities:

- The existing monitoring well inventory should be updated before future field activities are conducted. Additional existing wells may be present in the broader study area, particularly in areas not proximate to the monitoring wells identified in the approved QAPP.
- Additional targeted sampling of existing monitoring wells should be considered if future evaluation of potential drinking water resources is pursued. Future sampling should include existing wells identified during reconnaissance but not included in the baseline sampling event, including MW-2, MW-3I, MW-24S, MW-24I, and MW-26.

- Existing wells south of Scott Creek should be prioritized for future evaluation. MW-24S, MW-24I, and MW-26 are located south of Scott Creek and generally downgradient of the MW-14 well cluster. Sampling these wells would provide additional information regarding groundwater quality beyond Scott Creek.

- Installation and sampling of replacement or supplementary monitoring wells should be considered where existing wells are not available, where existing wells are not suitable for sampling, or where additional data are needed to evaluate groundwater conditions relevant to potential drinking water resources.

- VOCs and PFAS should be retained as analytical parameters in future groundwater evaluations. VOCs remain relevant based on historical plume conditions and current screening exceedances. PFAS should be retained based on the widespread detections identified during the baseline sampling event and the PFOA exceedances identified at MW-3S and MW-11S. Metals may be deprioritized in future analytical programs unless required by future project objectives or regulatory direction.

- Available historical investigation and remedial planning documents should be reviewed and considered when planning future groundwater evaluation or response actions. This review should include the 2003 Feasibility Study, the subsequent Remedial Investigation Addendum, and any additional historical investigation or remedial planning documents identified during future file review.

- The baseline results should be used as a current planning dataset to guide future evaluation of potential drinking water resources in the Pullman area.

Collectively, these recommendations are intended to focus future work on existing wells and downgradient areas that are most relevant to groundwater resource evaluation. The current data provides a useful baseline, and the historical record provides important context for evaluating future actions in the Pullman area.

11.0 REFERENCES

I. Fishbeck, Thompson, Carr & Huber, Inc. (FTC&H). *Remedial Investigation, Pullman Road and 109th Avenue, Pullman, Michigan*. June 2002.

II. FTC&H. *Feasibility Study, Pullman Road and 109th Avenue, Pullman, Michigan*. July 2003.

III. FTC&H. *Remedial Investigation Addendum, Pullman Road and 109th Avenue, Pullman, Michigan*. December 29, 2005.

IV. MCE. *Existing Groundwater Monitoring Well Network Baseline Study, Quality Assurance Project Plan, Version 1.3.* May 11, 2026; approved May 21, 2026.

Tables

Table 1. Volatile Organic Compounds Analytical Results Summary

Analyte	CAS Number	Residential DW Criterion	Units	MW-3S	MW-3D	MW-6	MW-7	MW-9	MW-11S	MW-11D
				6/18/2026 2:25 PM	6/18/2026 3:05 PM	6/18/2026 12:45 PM	6/18/2026 10:55 AM	6/19/2026 9:40 AM	6/18/2026 5:00 PM	6/18/2026 4:10 PM
1,1,1,2-Tetrachloroethane	630-20-6	77	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	71-55-6	200 (A)	ug/L	< 1	< 1	**2.7**	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	79-34-5	8.5	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	79-00-5	5 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	75-34-3	880	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethene	75-35-4	7 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	96-18-4	42	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trimethylbenzene	526-73-8		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-Trichlorobenzene	120-82-1	70 (A)	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,4-Trimethylbenzene	95-63-6	63 (E)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane (SIM)	96-12-8	0.2 (A)	ug/L	*< 1*	*< 1*	*< 1*	*< 1*	*< 1*	*< 1*	*< 1*
1,2-Dichlorobenzene	95-50-1	600 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	107-06-2	5 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	78-87-5	5 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	108-67-8	72 (E)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	541-73-1	6.6	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	106-46-7	75 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dioxane	123-91-1	7.2 (II)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-Butanone	78-93-3	13000	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Chlorotoluene	95-49-8	150	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-Hexanone	591-78-6	1000	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Methylnaphthalene	91-57-6	260	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	108-10-1	1800	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acetone	67-64-1	730	ug/L	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Acrylonitrile	107-13-1	2.6	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Benzene	71-43-2	5 (A)	ug/L	**9.5**	< 1	< 1	< 1	< 1	< 1	< 1
Bromobenzene	108-86-1	18	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromochloromethane	74-97-5		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	75-27-4	80 (A,W)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform (SIM)	75-25-2	80 (A,W)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	74-83-9	10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Disulfide	75-15-0	800	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Tetrachloride	56-23-5	5 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	108-90-7	100 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroethane	75-00-3	430	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroform	67-66-3	80 (A,W)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloromethane	74-87-3	260	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethene	156-59-2	70 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**8.6**
cis-1,3-Dichloropropene	10061-01-5		ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	124-48-1	80 (A,W)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	74-95-3	80	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorodifluoromethane	75-71-8	1700	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Ethylbenzene	100-41-4	74 (E)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylene Dibromide	106-93-4	0.05 (A)	ug/L	*< 1*	*< 1*	*< 1*	*< 1*	*< 1*	*< 1*	*< 1*
Isopropylbenzene	98-82-8	800	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m&p-Xylene	136777-61-2	280 (E)	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methylene Chloride	75-09-2	5 (A)	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5
MTBE	1634-04-4	40 (E)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
n-Butylbenzene	104-51-8	80	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
n-Propylbenzene	103-65-1	80	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	91-20-3	520	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	95-47-6	280 (E)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
sec-Butylbenzene	135-98-8	80	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	100-42-5	100 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
tert-Butylbenzene	98-06-6	80	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	127-18-4	5 (A)	ug/L	**5.4**	< 1	**15**	< 1	< 1	< 1	< 1
Toluene	108-88-3	790 (E)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	156-60-5	100 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	10061-02-6		ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	79-01-6	5 (A)	ug/L	< 1	< 1	**5.3**	< 1	< 1	< 1	< 1
Trichlorofluoromethane	75-69-4	2600	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl Chloride	75-01-4	2 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylenes	1330-20-7	280 (E)	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3

Table 1. Volatile Organic Compounds Analytical Results Summary

Analyte	CAS Number	Residential DW Criterion	Units	MW-13	MW-14S	MW-14I	MW-14D	DUP (MW-7)	TB007090	TB007091
				6/19/2026 11:11 AM	6/19/2026 1:00 PM	6/19/2026 1:52 PM	6/19/2026 2:35 PM	6/19/2026 12:00 AM	6/18/2026 12:00 AM	6/18/2026 12:00 AM
1,1,1,2-Tetrachloroethane	630-20-6	77	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,1-Trichloroethane	71-55-6	200 (A)	ug/L	< 1	< 1	**2.9**	< 1	< 1	< 1	
1,1,2,2-Tetrachloroethane	79-34-5	8.5	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2-Trichloroethane	79-00-5	5 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,1-Dichloroethane	75-34-3	880	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,1-Dichloroethene	75-35-4	7 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,2,3-Trichloropropane	96-18-4	42	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,2,3-Trimethylbenzene	526-73-8		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,2,4-Trichlorobenzene	120-82-1	70 (A)	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	
1,2,4-Trimethylbenzene	95-63-6	63 (E)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dibromo-3-chloropropane (SIM)	96-12-8	0.2 (A)	ug/L	*< 1*	*< 1*	*< 1*	*< 1*	*< 1*	*< 1*	
1,2-Dichlorobenzene	95-50-1	600 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichloroethane	107-06-2	5 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichloropropane	78-87-5	5 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,3,5-Trimethylbenzene	108-67-8	72 (E)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,3-Dichlorobenzene	541-73-1	6.6	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,4-Dichlorobenzene	106-46-7	75 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
1,4-Dioxane	123-91-1	7.2 (II)	ug/L	< 1	< 1	< 1	< 1	< 1		< 1
2-Butanone	78-93-3	13000	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	
2-Chlorotoluene	95-49-8	150	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
2-Hexanone	591-78-6	1000	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	
2-Methylnaphthalene	91-57-6	260	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	
4-Methyl-2-pentanone	108-10-1	1800	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	
Acetone	67-64-1	730	ug/L	< 50	< 50	< 50	< 50	< 50	< 50	
Acrylonitrile	107-13-1	2.6	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	
Benzene	71-43-2	5 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Bromobenzene	108-86-1	18	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Bromochloromethane	74-97-5		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Bromodichloromethane	75-27-4	80 (A,W)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Bromoform (SIM)	75-25-2	80 (A,W)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Bromomethane	74-83-9	10	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	
Carbon Disulfide	75-15-0	800	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Carbon Tetrachloride	56-23-5	5 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Chlorobenzene	108-90-7	100 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Chloroethane	75-00-3	430	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	
Chloroform	67-66-3	80 (A,W)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Chloromethane	74-87-3	260	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	
cis-1,2-Dichloroethene	156-59-2	70 (A)	ug/L	< 1	< 1	< 1	**7**	< 1	< 1	
cis-1,3-Dichloropropene	10061-01-5		ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Dibromochloromethane	124-48-1	80 (A,W)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Dibromomethane	74-95-3	80	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Dichlorodifluoromethane	75-71-8	1700	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	
Ethylbenzene	100-41-4	74 (E)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Ethylene Dibromide	106-93-4	0.05 (A)	ug/L	*< 1*	*< 1*	*< 1*	*< 1*	*< 1*	*< 1*	
Isopropylbenzene	98-82-8	800	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
m&p-Xylene	136777-61-2	280 (E)	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	
Methylene Chloride	75-09-2	5 (A)	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	
MTBE	1634-04-4	40 (E)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
n-Butylbenzene	104-51-8	80	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
n-Propylbenzene	103-65-1	80	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Naphthalene	91-20-3	520	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	
o-Xylene	95-47-6	280 (E)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
sec-Butylbenzene	135-98-8	80	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Styrene	100-42-5	100 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
tert-Butylbenzene	98-06-6	80	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Tetrachloroethene	127-18-4	5 (A)	ug/L	< 1	< 1	**43**	< 1	< 1	< 1	
Toluene	108-88-3	790 (E)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
trans-1,2-Dichloroethene	156-60-5	100 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
trans-1,3-Dichloropropene	10061-02-6		ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Trichloroethene	79-01-6	5 (A)	ug/L	< 1	**1.7**	**20**	< 1	< 1	< 1	
Trichlorofluoromethane	75-69-4	2600	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	
Vinyl Chloride	75-01-4	2 (A)	ug/L	< 1	< 1	< 1	**1.5**	< 1	< 1	
Xylenes	1330-20-7	280 (E)	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	

Table 1. Volatile Organic Compounds Analytical Results Summary

Notes:

Analytical results are reported in the units shown. Residential drinking water criteria are presented in the same units as the corresponding analytical results; PFAS criteria were converted from µg/L to ng/L for direct comparison.

Nondetect results are reported as less than the laboratory reporting limit, shown as "< RL."

Bold values indicate detected concentrations.
Values with light red shading exceed the applicable Part 201 residential drinking water criterion.
Italicized values with light yellow shading indicate nondetect results for which half of the laboratory reporting limit exceeded the applicable criterion.

"A" indicates that the criterion is the State of Michigan drinking water standard.

"E" indicates that the criterion is an aesthetic drinking water value. Concentrations above the aesthetic criterion may still be below the applicable health-based drinking water value.

"L" indicates the lead-specific residential drinking water criterion of 4 µg/L, which is linked to the generic residential soil direct contact criterion. Higher groundwater concentrations may only be used as part of an approved site-specific

"W" indicates that trihalomethane concentrations must be summed and compared with the Michigan drinking water standard of 80 µg/L. Individual trihalomethane results should not be evaluated independently against the 80 µg/L value.

DUP denotes a field duplicate sample. TB denotes a trip blank.

Table 2. PFAS Analytical Results Summary

Analyte	CAS Number	Residential DW Criterion	Units	MW-3S	MW-3D	MW-6	MW-7	MW-9	MW-11S
				6/18/2026 2:25 PM	6/18/2026 3:05 PM	6/18/2026 12:45 PM	6/18/2026 10:55 AM	6/19/2026 9:40 AM	6/18/2026 5:00 PM
11Cl-PF3OUDS	763051-92-9		ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
3:3FTCA	356-02-5		ng/L	< 2	< 2	< 2	< 2	< 2	< 2
4:2FTS	757124-72-4		ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
5:3FTCA	914637-49-3		ng/L	< 10	< 10	< 10	< 10	< 10	< 10
6:2FTS	27619-97-2		ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
7:3FTCA	812-70-4		ng/L	< 10	< 10	< 10	< 10	< 10	< 10
8:2FTS	39108-34-4		ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
9Cl-PF3ONS	756426-58-1		ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
ADONA	919005-14-4		ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
HFPO-DA	13252-13-6	370 (A)	ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
NEtFOSA	4151-50-2		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
NEtFOSAA	2991-50-6		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
NEtFOSE	1691-99-2		ng/L	< 4	< 4	< 4	< 4	< 4	< 4
NFDHA	151772-58-6		ng/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
NMeFOSA	31506-32-8		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
NMeFOSAA	2355-31-9		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
NMeFOSE	24448-09-7		ng/L	< 4	< 4	< 4	< 4	< 4	< 4
PFBA	375-22-4		ng/L	**5.2**	**1.9**	**3.8**	**3.4**	**2.9**	**32**
PFBS	375-73-5	420 (A)	ng/L	**1.2**	**3.1**	**3.4**	**7.1**	**8**	**44**
PFDA	335-76-2		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFDoA	307-55-1		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFDoS	79780-39-5		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFDS	335-77-3		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFEESA	113507-82-7		ng/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
PFHpA	375-85-9		ng/L	**4.2**	**1.1**	**0.52**	**1.8**	< 0.4	**7.7**
PFHpS	375-92-8		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFHxA	307-24-4	400000 (A)	ng/L	**7.2**	**2.6**	**0.8**	**5.1**	< 0.4	**160**
PFHxS	355-46-4	51 (A)	ng/L	**0.58**	**2.1**	**2.7**	**2.5**	**1.5**	**1.1**
PFMBA	863090-89-5		ng/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
PFMPA	377-73-1		ng/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
PFNA	375-95-1	6 (A)	ng/L	**3.1**	< 0.4	< 0.4	< 0.4	< 0.4	**2.4**
PFNS	68259-12-1		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFOA	335-67-1	8 (A)	ng/L	**19**	**3.3**	**2.7**	**5.2**	**1.1**	**13**
PFOS	1763-23-1	16 (A)	ng/L	**8.9**	< 0.4	**2.5**	**0.48**	**4.2**	**4.3**
PFOSA	754-91-6		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFPeA	2706-90-3		ng/L	**3.9**	**2.1**	**1.2**	**4**	< 0.8	**170**
PFPeS	2706-91-4		ng/L	< 0.4	< 0.4	**0.41**	**0.46**	< 0.4	< 0.4
PFTeDA	376-06-7		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFTrDA	72629-94-8		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFUnA	2058-94-8		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4

Table 2. PFAS Analytical Results Summary

Analyte	CAS Number	Residential DW Criterion	Units	MW-11D	MW-13	MW-14S	MW-14I	MW-14D	DUP
				6/18/2026 4:10 PM	6/19/2026 11:11 AM	6/19/2026 1:00 PM	6/19/2026 1:52 PM	6/19/2026 2:35 PM	6/19/2026 12:00 AM
11Cl-PF3OUDS	763051-92-9		ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
3:3FTCA	356-02-5		ng/L	< 2	< 2	< 2	< 2	< 2	< 2
4:2FTS	757124-72-4		ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
5:3FTCA	914637-49-3		ng/L	< 10	< 10	< 10	< 10	< 10	< 10
6:2FTS	27619-97-2		ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
7:3FTCA	812-70-4		ng/L	< 10	< 10	< 10	< 10	< 10	< 10
8:2FTS	39108-34-4		ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
9Cl-PF3ONS	756426-58-1		ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
ADONA	919005-14-4		ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
HFPO-DA	13252-13-6	370 (A)	ng/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
NEtFOSA	4151-50-2		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
NEtFOSAA	2991-50-6		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
NEtFOSE	1691-99-2		ng/L	< 4	< 4	< 4	< 4	< 4	< 4
NFDHA	151772-58-6		ng/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
NMeFOSA	31506-32-8		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
NMeFOSAA	2355-31-9		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
NMeFOSE	24448-09-7		ng/L	< 4	< 4	< 4	< 4	< 4	< 4
PFBA	375-22-4		ng/L	**24**	**8.3**	**5.7**	**2.9**	**4.4**	**3.3**
PFBS	375-73-5	420 (A)	ng/L	**3.2**	**7.3**	**3.3**	**3.8**	**5.4**	**7.1**
PFDA	335-76-2		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFDoA	307-55-1		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFDoS	79780-39-5		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFDS	335-77-3		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFEESA	113507-82-7		ng/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
PFHpA	375-85-9		ng/L	**1.2**	< 0.4	**0.76**	< 0.4	< 0.4	**1.7**
PFHpS	375-92-8		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFHxA	307-24-4	400000 (A)	ng/L	**48**	< 0.4	**1.5**	< 0.4	< 0.4	**5.2**
PFHxS	355-46-4	51 (A)	ng/L	**2.4**	**3.6**	**2.8**	**2.3**	**2**	**2.7**
PFMBA	863090-89-5		ng/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
PFMPA	377-73-1		ng/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
PFNA	375-95-1	6 (A)	ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFNS	68259-12-1		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFOA	335-67-1	8 (A)	ng/L	**2.2**	**0.91**	**5**	< 0.4	**0.76**	**5.6**
PFOS	1763-23-1	16 (A)	ng/L	**2.1**	**1.7**	**4**	**2.7**	< 0.4	**0.6**
PFOSA	754-91-6		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFPeA	2706-90-3		ng/L	**58**	< 0.8	**2.7**	< 0.8	< 0.8	**3.8**
PFPeS	2706-91-4		ng/L	**0.52**	**0.92**	**0.61**	**0.45**	**0.56**	**0.51**
PFTeDA	376-06-7		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFTrDA	72629-94-8		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
PFUnA	2058-94-8		ng/L	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4

Notes:

Analytical results are reported in the units shown. Residential drinking water criteria are presented in the same units as the corresponding analytical results; PFAS criteria were converted from µg/L to ng/L for direct comparison.

Nondetect results are reported as less than the laboratory reporting limit, shown as "< RL."

Bold values indicate detected concentrations.
Values with light red shading exceed the applicable Part 201 residential drinking water criterion.
Italicized values with light yellow shading indicate nondetect results for which half of the laboratory reporting limit exceeded the applicable criterion.

"A" indicates that the criterion is the State of Michigan drinking water standard.

DUP denotes a field duplicate sample.

Table 3. Metals Analytical Results Summary

Analyte	CAS Number	Residential DW Criterion	Units	MW-3D	MW-3S	MW-6	MW-7	MW-9	MW-11S
				6/18/2026 3:05 PM	6/18/2026 2:25 PM	6/18/2026 12:45 PM	6/18/2026 10:55 AM	6/19/2026 9:40 AM	6/18/2026 5:00 PM
ARSENIC (AS)	7440-38-2	10 (A)	ug/L	< 1	< 1	< 1	< 1	< 1	< 1
BARIUM (BA)	7440-39-3	2000 (A)	ug/L	< 1	**12**	**3.1**	**1.2**	**8.4**	**5.2**
CADMIUM (CD)	7440-43-9	5 (A)	ug/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
CHROMIUM (CR)	7440-47-3	100 (A)	ug/L	< 2	< 2	< 2	< 2	< 2	< 2
COPPER (CU)	7440-50-8	1000 (E)	ug/L	< 2	< 2	< 2	< 2	**7.7**	**4.5**
LEAD (PB)	7439-92-1	4 (L)	ug/L	< 2	< 2	< 2	< 2	< 2	< 2
Mercury	7439-97-6	2.0 (A)	ug/L	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
SELENIUM (SE)	7782-49-2	50 (A)	ug/L	< 2	< 2	< 2	< 2	< 2	< 2
SILVER (AG)	7440-22-4	34	ug/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
ZINC (ZN)	7440-66-6	2400	ug/L	**6.9**	**5.1**	**12**	< 5	**9.5**	< 5

Notes:

Analytical results are reported in the units shown. Residential drinking water criteria are presented in the same units as the corresponding analytical results; PFAS criteria were converted from µg/L to ng/L for direct comparison.

Nondetect results are reported as less than the laboratory reporting limit, shown as "< RL."

Bold values indicate detected concentrations.

Values with light red shading exceed the applicable Part 201 residential drinking water criterion.

Italicized values with light yellow shading indicate nondetect results for which half of the laboratory reporting limit exceeded the applicable criterion.

"A" indicates that the criterion is the State of Michigan drinking water standard.

"E" indicates that the criterion is an aesthetic drinking water value. Concentrations above the aesthetic criterion may still be below the applicable health-based drinking water value.

"L" indicates the lead-specific residential drinking water criterion of 4 µg/L, which is linked to the generic residential soil direct contact criterion. Higher groundwater concentrations may only be used as part of an approved site-specific remedy.

DUP denotes a field duplicate sample.

Table 3. Metals Analytical Results Summary

Analyte	CAS Number	Residential DW Criterion	Units	MW-11D	MW-13	MW-14S	MW-14I	MW-14D	DUP
				6/18/2026 4:10 PM	6/19/2026 11:11 AM	6/19/2026 1:00 PM	6/19/2026 1:52 PM	6/19/2026 2:35 PM	6/19/2026 12:00 AM
ARSENIC (AS)	7440-38-2	10 (A)	ug/L	**3.8**	< 1	< 1	**1.5**	**1.4**	< 1
BARIUM (BA)	7440-39-3	2000 (A)	ug/L	**28**	**5.5**	**32**	**8.3**	**27**	**1.2**
CADMIUM (CD)	7440-43-9	5 (A)	ug/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
CHROMIUM (CR)	7440-47-3	100 (A)	ug/L	< 2	< 2	< 2	< 2	< 2	< 2
COPPER (CU)	7440-50-8	1000 (E)	ug/L	< 2	< 2	**2.2**	< 2	< 2	< 2
LEAD (PB)	7439-92-1	4 (L)	ug/L	< 2	< 2	< 2	< 2	< 2	< 2
Mercury	7439-97-6	2.0 (A)	ug/L	< 0.025	< 0.025	< 0.025	< 0.025	**0.038**	**0.026**
SELENIUM (SE)	7782-49-2	50 (A)	ug/L	< 2	< 2	< 2	< 2	< 2	< 2
SILVER (AG)	7440-22-4	34	ug/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
ZINC (ZN)	7440-66-6	2400	ug/L	**6.7**	**6.8**	**27**	**5.3**	< 5	**6.2**

Notes:

Analytical results are reported in the units shown. Residential drinking water criteria are presented in the same units as the corresponding analytical results; PFAS criteria were converted from µg/L to ng/L for direct comparison.

Nondetect results are reported as less than the laboratory reporting limit, shown as "< RL."

Bold values indicate detected concentrations.

Values with light red shading exceed the applicable Part 201 residential drinking water criterion.

Italicized values with light yellow shading indicate nondetect results for which half of the laboratory reporting limit exceeded the applicable criterion.

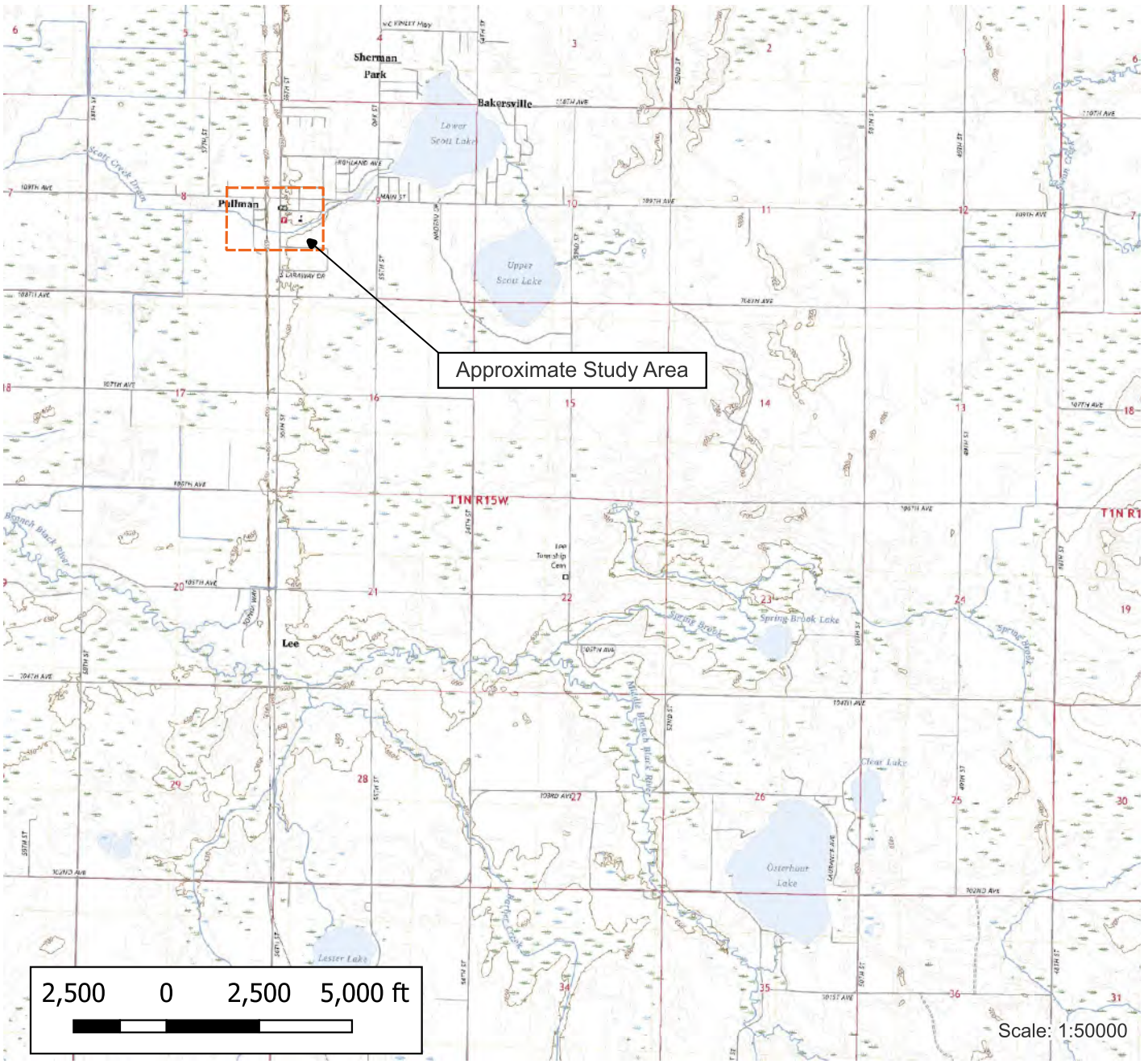
"A" indicates that the criterion is the State of Michigan drinking water standard.

"E" indicates that the criterion is an aesthetic drinking water value. Concentrations above the aesthetic criterion may still be below the applicable health-based drinking water value.

"L" indicates the lead-specific residential drinking water criterion of 4 µg/L, which is linked to the generic residential soil direct contact criterion. Higher groundwater concentrations may only be used as part of an approved site-specific remedy.

DUP denotes a field duplicate sample.

Figures



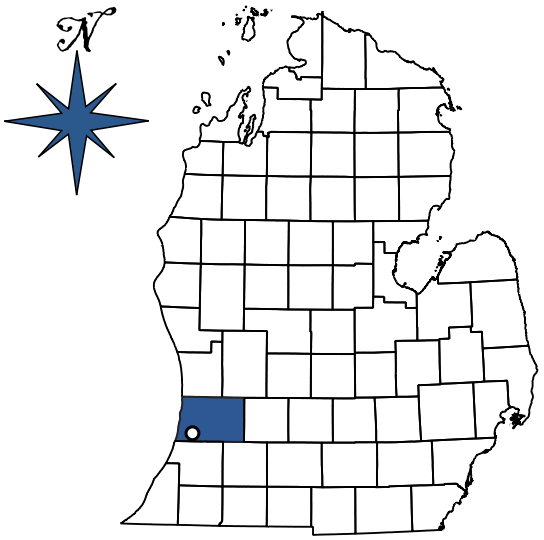


Figure 1 - Site Location Map

Existing Groundwater Monitoring Well Baseline Study

87 56th Street Pullman, Michigan 49450	U.S.G.S 7.5-Minute Series Topographic Map Pullman, MI Quadrangle 2023
Township: Lee Township	Spanning Sections 8 and 9
County: Allegan County	Township 1N Range 15W

Project #51948

Author: Ian Temchin

Drawing: 51948-1

PM: Bobby Glasser

Date: 2026-04-15

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Legend

- Approximate Study Area
- Monitoring Well

Surface Water Features:

- Scott Creek Drain

Figure 2 - Site Layout

N

Beautify Pullman
Existing Groundwater Monitoring Well Network Baseline Study
87 56th Street
Pullman, Michigan 49450

100 0 100 200 300 400 500 feet

Scale: 1:2750	PM: Bobby Glasser
Drawing Date: 2026-07-23	Drawn by: Ian Temchin
Project Number: 51948.3	Revision: 2

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Note: Groundwater elevation contours and flow vectors are interpreted from shallow aquifer monitoring well measurements collected on June 18, 2026. Interpreted conditions are approximate between and beyond monitoring locations and may vary seasonally.

Legend

- Approximate Study Area
- Monitoring Wells

Interpreted Groundwater Elevation Contours (ft. amsl):

- Intermediate contour: 1-ft interval
- Index contour: 5-ft interval
- Interpreted Groundwater Flow Direction

Gauging date	June 18, 2026
Wells used	7
Minimum groundwater elevation	639.05 ft
Maximum groundwater elevation	644.85 ft
Groundwater-elevation range	5.80 ft
Average groundwater elevation	641.77 ft

General groundwater-flow direction	WSW
Flow azimuth	246.2°
Hydraulic gradient	0.00472 ft/ft
Overall interpretation method	Planar fit to measured groundwater elevations
Presentation surface	Thin-plate spline (TPS)
Mapped flow arrows	Local interpreted flow directions derived from the TPS surface

Figure 3 - Groundwater Elevation and Flow

N

Beautify Pullman
Existing Groundwater Monitoring Well Network Baseline Study
87 56th Street
Pullman, Michigan 49450

100 0 100 200 300 400 500 feet

Scale: 1:2700	PM: Bobby Glasser
Drawing Date: 2026-07-23	Drawn by: Ian Temchin
Project Number: 51948.3	Revision: 2

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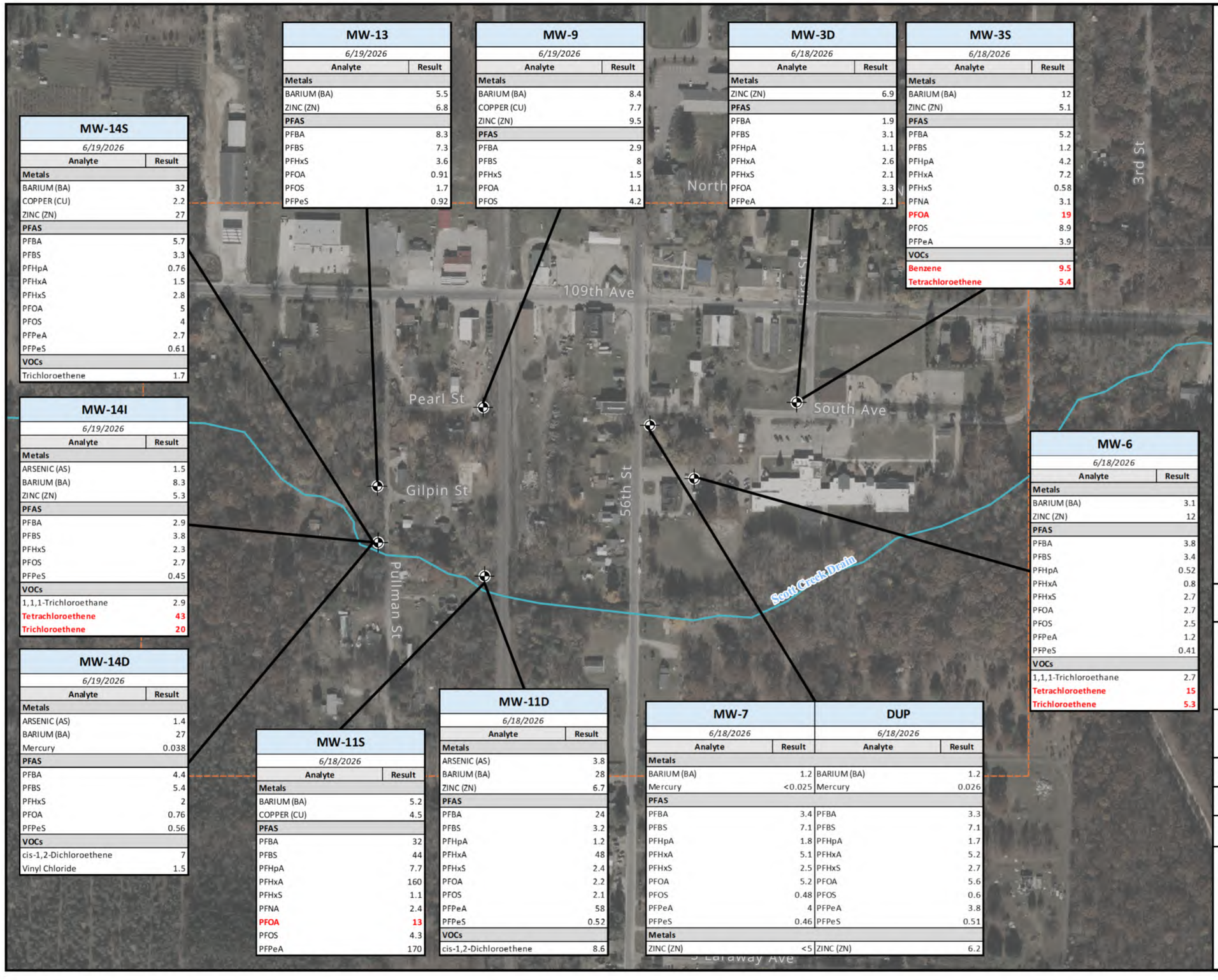

MW-13

6/19/2026

Analyte	Result
Metals	
BARIUM (BA)	5.5
ZINC (ZN)	6.8
PFAS	
PFBA	8.3
PFBS	7.3
PFHxS	3.6
PFOA	0.91
PFOS	1.7
PFPeS	0.92

MW-9

6/19/2026

Analyte	Result
Metals	
BARIUM (BA)	8.4
COPPER (CU)	7.7
ZINC (ZN)	9.5
PFAS	
PFBA	2.9
PFBS	8
PFHxS	1.5
PFOA	1.1
PFOS	4.2

MW-3D

6/18/2026

Analyte	Result
Metals	
ZINC (ZN)	6.9
PFAS	
PFBA	1.9
PFBS	3.1
PFHpA	1.1
PFHxA	2.6
PFHxS	2.1
PFOA	3.3
PFPeA	2.1

MW-3S

6/18/2026

Analyte	Result
Metals	
BARIUM (BA)	12
ZINC (ZN)	5.1
PFAS	
PFBA	5.2
PFBS	1.2
PFHpA	4.2
PFHxA	7.2
PFHxS	0.58
PFNA	3.1
PFOA	**19**
PFOS	8.9
PFPeA	3.9
VOCs	
Benzene	**9.5**
Tetrachloroethene	**5.4**

MW-14S

6/19/2026

Analyte	Result
Metals	
BARIUM (BA)	32
COPPER (CU)	2.2
ZINC (ZN)	27
PFAS	
PFBA	5.7
PFBS	3.3
PFHpA	0.76
PFHxA	1.5
PFHxS	2.8
PFOA	5
PFOS	4
PFPeA	2.7
PFPeS	0.61
VOCs	
Trichloroethene	1.7

MW-14I

6/19/2026

Analyte	Result
Metals	
ARSENIC (AS)	1.5
BARIUM (BA)	8.3
ZINC (ZN)	5.3
PFAS	
PFBA	2.9
PFBS	3.8
PFHxS	2.3
PFOS	2.7
PFPeS	0.45
VOCs	
1,1,1-Trichloroethane	2.9
Tetrachloroethene	**43**
Trichloroethene	**20**

MW-14D

6/19/2026

Analyte	Result
Metals	
ARSENIC (AS)	1.4
BARIUM (BA)	27
Mercury	0.038
PFAS	
PFBA	4.4
PFBS	5.4
PFHxS	2
PFOA	0.76
PFPeS	0.56
VOCs	
cis-1,2-Dichloroethene	7
Vinyl Chloride	1.5

MW-11S

6/18/2026

Analyte	Result
Metals	
BARIUM (BA)	5.2
COPPER (CU)	4.5
PFAS	
PFBA	32
PFBS	44
PFHpA	7.7
PFHxA	160
PFHxS	1.1
PFNA	2.4
PFOA	**13**
PFOS	4.3
PFPeA	170

MW-11D

6/18/2026

Analyte	Result
Metals	
ARSENIC (AS)	3.8
BARIUM (BA)	28
ZINC (ZN)	6.7
PFAS	
PFBA	24
PFBS	3.2
PFHpA	1.2
PFHxA	48
PFHxS	2.4
PFOA	2.2
PFOS	2.1
PFPeA	58
PFPeS	0.52
VOCs	
cis-1,2-Dichloroethene	8.6

MW-7 / **DUP**

6/18/2026

Analyte	Result	Analyte	Result
Metals			
BARIUM (BA)	1.2	BARIUM (BA)	1.2
Mercury	<0.025	Mercury	0.026
PFAS			
PFBA	3.4	PFBA	3.3
PFBS	7.1	PFBS	7.1
PFHpA	1.8	PFHpA	1.7
PFHxA	5.1	PFHxA	5.2
PFHxS	2.5	PFHxS	2.7
PFOA	5.2	PFOA	5.6
PFOS	0.48	PFOS	0.6
PFPeA	4	PFPeA	3.8
PFPeS	0.46	PFPeS	0.51
Metals			
ZINC (ZN)	<5	ZINC (ZN)	6.2

MW-6

6/18/2026

Analyte	Result
Metals	
BARIUM (BA)	3.1
ZINC (ZN)	12
PFAS	
PFBA	3.8
PFBS	3.4
PFHpA	0.52
PFHxA	0.8
PFHxS	2.7
PFOA	2.7
PFOS	2.5
PFPeA	1.2
PFPeS	0.41
VOCs	
1,1,1-Trichloroethane	2.7
Tetrachloroethene	**15**
Trichloroethene	**5.3**

Legend

Approximate Study Area

Monitoring Well

Analyte	CAS Number	Residential DW Criterion	Units
Volatile Organic Compounds (VOCs)			
1,1,1-Trichloroethane	71-55-6	200 (A)	ug/L
Benzene	71-43-2	5 (A)	ug/L
cis-1,2-Dichloroethene	156-59-2	70 (A)	ug/L
Tetrachloroethene	127-18-4	5 (A)	ug/L
Trichloroethene	79-01-6	5 (A)	ug/L
Vinyl Chloride	75-01-4	2 (A)	ug/L
Per- and Polyfluoroalkyl Substances (PFAS)			
PFBA	375-22-4		ng/L
PFBS	375-73-5	420 (A)	ng/L
PFHpA	375-85-9		ng/L
PFHxA	307-24-4	400000 (A)	ng/L
PFHxS	355-46-4	51 (A)	ng/L
PFNA	375-95-1	6 (A)	ng/L
PFOA	335-67-1	8 (A)	ng/L
PFOS	1763-23-1	16 (A)	ng/L
PFPeA	2706-90-3		ng/L
PFPeS	2706-91-4		ng/L
Metals			
ARSENIC (AS)	7440-38-2	10 (A)	ug/L
BARIUM (BA)	7440-39-3	2000 (A)	ug/L
COPPER (CU)	7440-50-8	1000 (E)	ug/L
Mercury	7439-97-6	2.0 (A)	ug/L
ZINC (ZN)	7440-66-6	2400	ug/L

Notes:

"A" indicates that the criterion is the State of Michigan drinking water standard.

"E" indicates that the criterion is an aesthetic drinking water value. Concentrations above the aesthetic criterion may still be below the applicable health-based drinking water value.

"L" indicates the lead-specific residential drinking water criterion of 4 µg/L, which is linked to the generic residential soil direct contact criterion. Higher groundwater concentrations may only be used as part of an approved site-specific remedy.

"W" indicates that trihalomethane concentrations must be summed and compared with the Michigan drinking water standard of 80 µg/L. Individual trihalomethane results should not be evaluated independently against the 80 µg/L value.

Figure 4 - Analytical Results

N

Beautify Pullman
Existing Groundwater Monitoring Well Network Baseline Study
87 56th Street
Pullman, Michigan 49450

100 0 100 200 300 400 500 feet

Scale: 1:3400	PM: Bobby Glasser
Drawing Date: 2026-07-23	Drawn by: Ian Temchin
Project Number: 51948.3	Revision: 2

MICHIGAN CONSULTING & ENVIRONMENTAL

Appendix A

Calibration Report

Instrument	Aqua TROLL 600 Vented
Serial Number	1105292
Created	6/18/2026

Sensor	**pH/ORP**
Serial Number	1057596
Last Calibrated	6/18/2026

Calibration Details

Calibration Point 1

pH of Buffer	7.020 pH
pH mV	-3.4 mV
Temperature	18.33 °C

Pre Measurement

pH	7.058 pH
pH mV	-3.3 mV

Post Measurement

pH	7.020 pH
pH mV	-3.4 mV

Slope and Offset 1

Slope	-57.84 mV/pH
Offset	-2.3 mV

ORP

ORP Solution	Quick Cal
Offset	10.4 mV
Temperature	18.33 °C
Pre Measurement	227.6 mV
Post Measurement	233.6 mV

Sensor	**RDO**
Serial Number	1085524
Last Calibrated	4/15/2026

Calibration Details

Slope	1.0348756
Offset	-0.047 mg/L

Calibration point 100%

Concentration	8.273 mg/L
Pre Measurement	97.05 %Sat
Post Measurement	100.0 %Sat
Temperature	21.63 °C
Barometric Pressure	980.6 mbar

Calibration point 0%

Concentration	0.046 mg/L
Pre Measurement	0.680 %Sat
Post Measurement	0.000 %Sat
Temperature	21.56 °C

Sensor	**Turbidity**
Serial Number	1065328
Last Calibrated	4/15/2026

Calibration Details

Slope	0.9870048
Offset	0.000 NTU

Calibration Point 1

Pre Measurement	101.3 NTU
Post Measurement	100.0 NTU

Sensor	**Conductivity**
Serial Number	1098268
Last Calibrated	6/18/2026

Calibration Details

TDS Conversion Factor (ppm)	0.65
Cell Constant	0.977
Offset	0.000 µS/cm
Reference Temperature	25.00 °C

Calibration Point 1

Pre Measurement

Actual Conductivity	6,986 µS/cm
Specific Conductivity	8,007 µS/cm

Post Measurement

Actual Conductivity	6,981 µS/cm
Specific Conductivity	8,000 µS/cm

Sensor	**Barometric Pressure**
Serial Number	1105292
Last Calibrated	Factory Defaults

Sensor	**Pressure**
Serial Number	1102093
Last Calibrated	4/15/2026

Calibration Details

Zero Offset	-0.029 psi
Reference Depth	0.000 ft
Reference Offset	0.000 psi
Pre Measurement	-0.032 psi
Post Measurement	0.000 psi

Low-Flow Test Report:

Test Date / Time: 6/18/2026 1:45:47 PM
Project: 51948 MW-3s
Operator Name: TS/IT

Location Name: 51948 MW-3s **Latitude: 42.4831412** **Longitude: -86.0896986** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 5 ft** **Top of Screen: 15 ft** **Total Depth: 20 ft** **Initial Depth to Water: 9.34 ft**	**Pump Type: Peristaltic** **Tubing Type: Silicone** **Pump Intake From TOC: 18 ft** **Estimated Total Volume Pumped: 8966.667 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.03 ft**	**Instrument Used: Aqua TROLL 600 Vented** **Serial Number: 1105292**

Test Notes:
Purge started @13:44

Weather Conditions:
64°f partly sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 5	+/- 10	+/- 0.05	
6/18/2026 1:45 PM	00:00	7.806 pH	58.57 °F	504.3 µS/cm	3.851 mg/L	17.22 NTU	177.7 mV	9.340 ft	250.0 ml/min
6/18/2026 1:50 PM	05:00	7.519 pH	56.46 °F	506.0 µS/cm	2.530 mg/L	1.754 NTU	188.5 mV	9.370 ft	250.0 ml/min
6/18/2026 1:54 PM	08:46	7.508 pH	56.64 °F	492.4 µS/cm	2.279 mg/L	0.513 NTU	185.5 mV	9.370 ft	250.0 ml/min
6/18/2026 1:59 PM	13:20	7.550 pH	55.97 °F	468.8 µS/cm	1.971 mg/L	0.538 NTU	182.6 mV	9.370 ft	250.0 ml/min
6/18/2026 2:04 PM	18:20	7.557 pH	56.03 °F	453.6 µS/cm	1.691 mg/L	0.000 NTU	180.5 mV	9.370 ft	250.0 ml/min
6/18/2026 2:11 PM	25:52	7.599 pH	55.98 °F	437.0 µS/cm	1.382 mg/L	0.000 NTU	174.3 mV	9.370 ft	250.0 ml/min
6/18/2026 2:16 PM	30:52	7.599 pH	56.12 °F	431.1 µS/cm	1.303 mg/L	0.000 NTU	170.5 mV	9.370 ft	250.0 ml/min
6/18/2026 2:21 PM	35:52	7.657 pH	55.85 °F	431.2 µS/cm	1.304 mg/L	0.000 NTU	165.3 mV	9.370 ft	250.0 ml/min

Samples

Sample ID:	Description:
MW-3s	Taken @14:25

Low-Flow Test Report:

Test Date / Time: 6/18/2026 2:42:04 PM
Project: 51948 MW-3d
Operator Name: TS/IT

Location Name: 51948 MW-3d **Latitude: 42.48317** **Longitude: -86.088785** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 5 ft** **Top of Screen: 35 ft** **Total Depth: 40 ft** **Initial Depth to Water: 10.35 ft**	**Pump Type: Peristaltic** **Tubing Type: Silicone** **Pump Intake From TOC: 38 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 600 Vented** **Serial Number: 1105292**

Test Notes:

Weather Conditions:
65°f mostly sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 5	+/- 10	+/- 0.05	
6/18/2026 2:42 PM	00:00	7.920 pH	57.63 °F	478.0 µS/cm	0.552 mg/L	78.31 NTU	168.8 mV	10.35 ft	200.0 ml/min
6/18/2026 2:47 PM	05:00	7.870 pH	56.95 °F	479.2 µS/cm	0.353 mg/L	27.44 NTU	167.8 mV	10.35 ft	200.0 ml/min
6/18/2026 2:52 PM	10:00	7.877 pH	56.49 °F	476.3 µS/cm	0.432 mg/L	7.500 NTU	164.9 mV	10.35 ft	200.0 ml/min
6/18/2026 2:57 PM	15:00	7.853 pH	56.85 °F	476.1 µS/cm	0.463 mg/L	3.777 NTU	162.0 mV	10.35 ft	200.0 ml/min
6/18/2026 3:02 PM	20:00	7.865 pH	56.27 °F	476.1 µS/cm	0.443 mg/L	2.590 NTU	160.1 mV	10.35 ft	200.0 ml/min

Samples

Sample ID:	Description:
MW-3d	Taken @15:05

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 6/18/2026 11:59:00 AM
Project: 51948 MW-6
Operator Name: TS/IT

Location Name: 51948 MW-6 **Latitude: 42.482454** **Longitude: -86.0893981** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 5 ft** **Top of Screen: 30 ft** **Total Depth: 35 ft** **Initial Depth to Water: 6.12 ft**	**Pump Type: Peristaltic** **Tubing Type: Silicone** **Pump Intake From TOC: 33 m** **Estimated Total Volume Pumped: 8620 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 600 Vented** **Serial Number: 1105292**

Test Notes:

Weather Conditions:
61°f cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 5	+/- 10	+/- 0.05	
6/18/2026 11:59 AM	00:00	7.752 pH	60.16 °F	677.2 µS/cm	5.142 mg/L	22.29 NTU	170.3 mV	6.120 ft	200.0 ml/min
6/18/2026 12:04 PM	05:00	7.628 pH	58.54 °F	672.2 µS/cm	0.171 mg/L	4.736 NTU	175.4 mV	6.125 ft	200.0 ml/min
6/18/2026 12:09 PM	10:55	7.638 pH	58.34 °F	666.0 µS/cm	0.123 mg/L		166.9 mV	6.130 ft	200.0 ml/min
6/18/2026 12:14 PM	15:55	7.686 pH	58.35 °F	661.8 µS/cm	0.089 mg/L		163.2 mV	6.110 ft	200.0 ml/min
6/18/2026 12:19 PM	20:55	7.751 pH	58.52 °F	654.4 µS/cm	0.076 mg/L		158.6 mV	6.120 ft	200.0 ml/min
6/18/2026 12:24 PM	25:55	7.759 pH	58.44 °F	659.0 µS/cm	0.067 mg/L		155.3 mV	6.120 ft	200.0 ml/min
6/18/2026 12:29 PM	30:55	7.783 pH	58.64 °F	656.8 µS/cm	0.057 mg/L		153.8 mV	6.120 ft	200.0 ml/min
6/18/2026 12:32 PM	33:06	7.786 pH	58.62 °F	655.6 µS/cm	0.050 mg/L		152.1 mV	6.120 ft	200.0 ml/min
6/18/2026 12:37 PM	38:06	7.780 pH	58.56 °F	660.6 µS/cm	0.047 mg/L		152.0 mV	6.120 ft	200.0 ml/min
6/18/2026 12:42 PM	43:06	7.793 pH	58.64 °F	658.4 µS/cm	0.049 mg/L		150.4 mV	6.120 ft	200.0 ml/min

Samples

Sample ID:	Description:

MW-6	Taken @12:45

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 6/18/2026 10:26:08 AM
Project: 51948 MW-7
Operator Name: TS/IT

Location Name: 51948 MW-7 **Latitude: 42.48301** **Longitude: -86.0904373** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 5 ft** **Top of Screen: 29 ft** **Total Depth: 34 ft** **Initial Depth to Water: 5.29 ft**	**Pump Type: Peristaltic** **Tubing Type: Silicone** **Pump Intake From TOC: 32 m** **Estimated Total Volume Pumped: 3695.183 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 133 ml/min** **Final Draw Down: 0.01 ft**	**Instrument Used: Aqua TROLL 600 Vented** **Serial Number: 1105292**

Test Notes:
Begin purge: 10:16

Weather Conditions:
59°f cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 5	+/- 10	+/- 0.05	
6/18/2026 10:26 AM	00:00	7.385 pH	60.17 °F	565.0 µS/cm	4.215 mg/L	5.702 NTU	219.8 mV	5.290 ft	133.0 ml/min
6/18/2026 10:31 AM	05:00	7.685 pH	55.84 °F	566.6 µS/cm	1.237 mg/L	3.665 NTU	215.6 mV	5.290 ft	133.0 ml/min
6/18/2026 10:36 AM	10:00	7.661 pH	55.50 °F	566.9 µS/cm	1.261 mg/L	1.264 NTU	212.0 mV	5.300 ft	133.0 ml/min
6/18/2026 10:41 AM	15:00	7.654 pH	55.37 °F	565.5 µS/cm	1.116 mg/L	0.346 NTU	207.8 mV	5.300 ft	133.0 ml/min
6/18/2026 10:44 AM	18:40	7.656 pH	55.21 °F	565.7 µS/cm	1.019 mg/L		205.1 mV	5.300 ft	133.0 ml/min
6/18/2026 10:49 AM	23:50	7.682 pH	55.13 °F	564.1 µS/cm	0.919 mg/L		200.7 mV	5.300 ft	133.0 ml/min
6/18/2026 10:52 AM	26:12	7.689 pH	55.12 °F	563.4 µS/cm	0.928 mg/L		198.7 mV	5.300 ft	133.0 ml/min
6/18/2026 10:53 AM	27:47	7.700 pH	55.08 °F	563.8 µS/cm	0.905 mg/L		197.4 mV	5.300 ft	133.0 ml/min

Samples

Sample ID:	Description:
MW-7	Duplicate taken

Low-Flow Test Report:

Test Date / Time: 6/18/2026 4:29:05 PM
Project: 51948 MW-11s
Operator Name: TS/IT

Location Name: 51948 MW-11s **Latitude: 42.4826334** **Longitude: -86.0925095** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 4 ft** **Top of Screen: 11 ft** **Total Depth: 15 ft** **Initial Depth to Water: 6.96 ft**	**Pump Type: Peristaltic** **Tubing Type: Silicone** **Pump Intake From TOC: 13 ft** **Estimated Total Volume Pumped: 6116.667 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 600 Vented** **Serial Number: 1105292**

Test Notes:

Weather Conditions:
66°f sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 5	+/- 10	+/- 0.05	
6/18/2026 4:29 PM	00:00	7.917 pH	55.67 °F	364.3 µS/cm	1.818 mg/L	58.78 NTU	-6.8 mV	6.960 ft	200.0 ml/min
6/18/2026 4:29 PM	00:35	7.886 pH	55.50 °F	370.0 µS/cm	1.306 mg/L	51.87 NTU	-5.7 mV	6.960 ft	200.0 ml/min
6/18/2026 4:34 PM	05:35	7.833 pH	55.03 °F	393.4 µS/cm	0.603 mg/L	22.48 NTU	1.3 mV	6.960 ft	200.0 ml/min
6/18/2026 4:39 PM	10:35	7.829 pH	54.77 °F	408.1 µS/cm	0.340 mg/L	10.69 NTU	6.6 mV	6.960 ft	200.0 ml/min
6/18/2026 4:44 PM	15:35	7.856 pH	54.73 °F	408.2 µS/cm	0.248 mg/L	9.492 NTU	8.4 mV	6.960 ft	200.0 ml/min
6/18/2026 4:49 PM	20:35	7.869 pH	54.80 °F	413.2 µS/cm	0.156 mg/L	4.263 NTU	8.4 mV	6.960 ft	200.0 ml/min
6/18/2026 4:54 PM	25:35	7.882 pH	54.68 °F	419.8 µS/cm	0.112 mg/L	3.592 NTU	8.9 mV	6.960 ft	200.0 ml/min
6/18/2026 4:59 PM	30:35	7.896 pH	54.87 °F	419.5 µS/cm	0.087 mg/L	1.389 NTU	8.3 mV	6.960 ft	200.0 ml/min

Samples

Sample ID:	Description:
MW-11s	Taken @17:00

Low-Flow Test Report:

Test Date / Time: 6/18/2026 3:41:04 PM
Project: 51948 MW-11d
Operator Name: TS/IT

Location Name: 51948 MW-11d **Latitude: 42.4824015** **Longitude: -86.0926447** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 5 ft** **Top of Screen: 20 ft** **Total Depth: 25 ft** **Initial Depth to Water: 7.12 ft**	**Pump Type: Peristaltic** **Tubing Type: Silicone** **Pump Intake From TOC: 23 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.01 ft**	**Instrument Used: Aqua TROLL 600 Vented** **Serial Number: 1105292**

Test Notes:
Started purging @15:35

Weather Conditions:
66°f sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 5	+/- 10	+/- 0.05	
6/18/2026 3:41 PM	00:00	7.697 pH	62.14 °F	632.4 µS/cm	3.915 mg/L	233.7 NTU	-6.1 mV	7.120 ft	200.0 ml/min
6/18/2026 3:46 PM	05:00	7.442 pH	55.76 °F	676.1 µS/cm	0.085 mg/L	123.5 NTU	-63.3 mV	7.130 ft	200.0 ml/min
6/18/2026 3:51 PM	10:00	7.384 pH	55.48 °F	672.1 µS/cm	0.053 mg/L	79.68 NTU	-73.6 mV	7.130 ft	200.0 ml/min
6/18/2026 3:56 PM	15:00	7.335 pH	55.46 °F	673.0 µS/cm	0.035 mg/L	48.06 NTU	-81.1 mV	7.130 ft	200.0 ml/min
6/18/2026 4:01 PM	20:00	7.322 pH	55.32 °F	674.1 µS/cm	0.029 mg/L	51.64 NTU	-84.2 mV	7.130 ft	200.0 ml/min
6/18/2026 4:06 PM	25:00	7.312 pH	55.34 °F	680.2 µS/cm	0.022 mg/L	49.37 NTU	-87.2 mV	7.130 ft	200.0 ml/min

Samples

Sample ID:	Description:
MW-11d	Taken @16:10

Calibration Report

Instrument	Aqua TROLL 600 Vented
Serial Number	1105292
Created	6/19/2026

Sensor	**pH/ORP**
Serial Number	1057596
Last Calibrated	6/19/2026

Calibration Details

Calibration Point 1

pH of Buffer	7.020 pH
pH mV	-3.7 mV
Temperature	18.05 °C

Pre Measurement

pH	7.023 pH
pH mV	-3.6 mV

Post Measurement

pH	7.020 pH
pH mV	-3.6 mV

Slope and Offset 1

Slope	-57.78 mV/pH
Offset	-2.5 mV

ORP

ORP Solution	Quick Cal
Offset	10.5 mV
Temperature	18.05 °C
Pre Measurement	233.7 mV
Post Measurement	234.0 mV

Sensor	**RDO**
Serial Number	1085524
Last Calibrated	4/15/2026

Calibration Details

Slope	1.0348756
Offset	-0.047 mg/L

Calibration point 100%

Concentration	8.273 mg/L
Pre Measurement	97.05 %Sat
Post Measurement	100.0 %Sat
Temperature	21.63 °C
Barometric Pressure	980.6 mbar

Calibration point 0%

Concentration	0.046 mg/L
Pre Measurement	0.680 %Sat
Post Measurement	0.000 %Sat
Temperature	21.56 °C

Sensor	**Turbidity**
Serial Number	1065328
Last Calibrated	4/15/2026

Calibration Details

Slope	0.9870048
Offset	0.000 NTU

Calibration Point 1

Pre Measurement	101.3 NTU
Post Measurement	100.0 NTU

Sensor	**Conductivity**
Serial Number	1098268
Last Calibrated	6/19/2026

Calibration Details

TDS Conversion Factor (ppm)	0.65
Cell Constant	0.984
Offset	0.000 µS/cm
Reference Temperature	25.00 °C

Calibration Point 1

Pre Measurement

Actual Conductivity	6,897 µS/cm
Specific Conductivity	7,952 µS/cm

Post Measurement

Actual Conductivity	6,939 µS/cm
Specific Conductivity	8,000 µS/cm

Sensor	**Barometric Pressure**
Serial Number	1105292
Last Calibrated	Factory Defaults

Sensor	**Pressure**
Serial Number	1102093
Last Calibrated	4/15/2026

Calibration Details

Zero Offset	-0.029 psi
Reference Depth	0.000 ft
Reference Offset	0.000 psi
Pre Measurement	-0.032 psi
Post Measurement	0.000 psi

Low-Flow Test Report:

Test Date / Time: 6/19/2026 9:18:35 AM
Project: 51948 MW-9
Operator Name: TS/IT

Location Name: 51948 MW-9 **Latitude: 42.482736666666675** **Longitude: -86.09234833333333** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 5 ft** **Top of Screen: 15 ft** **Total Depth: 20 ft** **Initial Depth to Water: 10.55 ft**	**Pump Type: Peristaltic** **Tubing Type: Silicone** **Pump Intake From TOC: 18 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.03 ft**	**Instrument Used: Aqua TROLL 600 Vented** **Serial Number: 1105292**

Test Notes:
Start purge @09:07

Weather Conditions:
66°f sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 5	+/- 10	+/- 0.05	
6/19/2026 9:18 AM	00:00	7.154 pH	57.29 °F	952.2 µS/cm	6.073 mg/L	22.64 NTU	231.5 mV	10.55 ft	250.0 ml/min
6/19/2026 9:23 AM	05:00	7.487 pH	54.31 °F	993.4 µS/cm	0.119 mg/L	8.949 NTU	234.9 mV	10.58 ft	250.0 ml/min
6/19/2026 9:28 AM	10:00	7.470 pH	54.11 °F	977.0 µS/cm	0.083 mg/L	6.094 NTU	235.0 mV	10.58 ft	250.0 ml/min
6/19/2026 9:33 AM	15:00	7.459 pH	53.81 °F	978.0 µS/cm	0.061 mg/L	2.731 NTU	234.0 mV	10.58 ft	250.0 ml/min
6/19/2026 9:38 AM	20:00	7.446 pH	53.88 °F	986.9 µS/cm	0.043 mg/L	5.578 NTU	233.0 mV	10.58 ft	250.0 ml/min

Samples

Sample ID:	Description:
MW-9	Taken @09:40

Low-Flow Test Report:

Test Date / Time: 6/19/2026 10:11:31 AM
Project: 51948 MW-13
Operator Name: TS/IT

Location Name: 51948 MW-13 **Latitude: 42.48226** **Longitude: -86.09337166666667** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 5 ft** **Top of Screen: 20 ft** **Total Depth: 25 ft** **Initial Depth to Water: 7.43 ft**	**Pump Type: Peristaltic** **Tubing Type: Silicone** **Pump Intake From TOC: 23 ft** **Estimated Total Volume Pumped: 16250 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.01 ft**	**Instrument Used: Aqua TROLL 600 Vented** **Serial Number: 1105292**

Test Notes:
Start purge @10:10
Final reading was taken after pump disconnect

Weather Conditions:
70°f sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 5	+/- 10	+/- 0.05	
6/19/2026 10:11 AM	00:00	7.743 pH	56.28 °F	625.3 µS/cm	3.337 mg/L	100.8 NTU	233.9 mV	7.430 ft	250.0 ml/min
6/19/2026 10:16 AM	05:00	7.559 pH	54.24 °F	641.2 µS/cm	0.144 mg/L	28.15 NTU	238.1 mV	7.440 ft	250.0 ml/min
6/19/2026 10:21 AM	10:00	7.551 pH	54.32 °F	640.3 µS/cm	0.053 mg/L	28.61 NTU	236.2 mV	7.440 ft	250.0 ml/min
6/19/2026 10:26 AM	15:00	7.560 pH	54.28 °F	654.4 µS/cm	0.021 mg/L	13.95 NTU	234.7 mV	7.440 ft	250.0 ml/min
6/19/2026 10:31 AM	20:00	7.589 pH	54.12 °F	653.0 µS/cm	0.007 mg/L	3.780 NTU	232.1 mV	7.440 ft	250.0 ml/min
6/19/2026 10:36 AM	25:00	7.610 pH	54.07 °F	659.6 µS/cm	0.001 mg/L	19.45 NTU	231.8 mV	7.440 ft	250.0 ml/min
6/19/2026 10:41 AM	30:00	7.645 pH	54.20 °F	644.9 µS/cm	0.000 mg/L	6.303 NTU	229.7 mV	7.440 ft	250.0 ml/min
6/19/2026 10:46 AM	35:00	7.670 pH	54.20 °F	654.9 µS/cm	0.000 mg/L	21.86 NTU	227.9 mV	7.440 ft	250.0 ml/min
6/19/2026 10:51 AM	40:00	7.667 pH	54.35 °F	654.6 µS/cm	0.000 mg/L	11.44 NTU	226.5 mV	7.440 ft	250.0 ml/min
6/19/2026 10:56 AM	45:00	7.682 pH	54.37 °F	656.3 µS/cm	0.000 mg/L	6.396 NTU	224.8 mV	7.440 ft	250.0 ml/min
6/19/2026 11:01 AM	50:00	7.694 pH	54.63 °F	655.6 µS/cm	0.000 mg/L	1.358 NTU	224.4 mV	7.440 ft	250.0 ml/min
6/19/2026 11:06 AM	55:00	7.703 pH	54.77 °F	648.1 µS/cm	0.000 mg/L	0.608 NTU	225.7 mV	7.440 ft	250.0 ml/min

6/19/2026 11:11 AM	01:00:00	7.707 pH	54.93 °F	660.7 µS/cm	0.000 mg/L	0.000 NTU	225.5 mV	7.440 ft	250.0 ml/min
6/19/2026 11:16 AM	01:05:00	7.809 pH	57.09 °F	0.070 µS/cm	9.902 mg/L	0.000 NTU	231.4 mV	7.440 ft	250.0 ml/min

Samples

Sample ID:	Description:
MW-13	Taken @11:11

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 6/19/2026 12:38:23 PM
Project: 51948 MW-14s
Operator Name: TS/IT

Location Name: 51948 MW-14s **Latitude: 42.4827449** **Longitude: -86.0925816** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 5 ft** **Top of Screen: 5 ft** **Total Depth: 10 ft** **Initial Depth to Water: 6.8 ft**	**Pump Type: Peristaltic** **Tubing Type: Silicone** **Pump Intake From TOC: 8 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.08 ft**	**Instrument Used: Aqua TROLL 600 Vented** **Serial Number: 1105292**

Test Notes:
Start purge @12:36

Weather Conditions:
67°f sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 5	+/- 10	+/- 0.05	
6/19/2026 12:38 PM	00:00	7.501 pH	58.85 °F	585.3 µS/cm	3.335 mg/L	0.000 NTU	275.7 mV	6.800 ft	250.0 ml/min
6/19/2026 12:43 PM	05:00	7.237 pH	55.91 °F	599.6 µS/cm	0.091 mg/L	0.000 NTU	285.0 mV	6.880 ft	250.0 ml/min
6/19/2026 12:48 PM	10:00	7.158 pH	55.81 °F	601.4 µS/cm	0.059 mg/L	0.000 NTU	281.4 mV	6.880 ft	250.0 ml/min
6/19/2026 12:53 PM	15:00	7.105 pH	55.73 °F	611.1 µS/cm	0.048 mg/L	0.000 NTU	279.8 mV	6.880 ft	250.0 ml/min
6/19/2026 12:58 PM	20:00	7.089 pH	55.68 °F	617.8 µS/cm	0.049 mg/L	0.000 NTU	275.3 mV	6.880 ft	250.0 ml/min

Samples

Sample ID:	Description:
MW-14s	Taken @13:00

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 6/19/2026 1:24:38 PM
Project: 51948 MW-14i
Operator Name: TS/IT

Location Name: 51948 MW-14i **Latitude: 42.48210000000001** **Longitude: -86.09342333333333** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 5 ft** **Top of Screen: 15 ft** **Total Depth: 20 ft** **Initial Depth to Water: 6.76 ft**	**Pump Type: Peristaltic** **Tubing Type: Silicone** **Pump Intake From TOC: 23 ft** **Estimated Total Volume Pumped: 6250 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.05 ft**	**Instrument Used: Aqua TROLL 600 Vented** **Serial Number: 1105292**

Test Notes:
Start purging @13:22

Weather Conditions:
67°f sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 5	+/- 10	+/- 0.05	
6/19/2026 1:24 PM	00:00	7.570 pH	57.35 °F	615.6 µS/cm	6.373 mg/L	158.2 NTU	275.8 mV	6.760 ft	250.0 ml/min
6/19/2026 1:29 PM	05:00	7.437 pH	54.41 °F	636.4 µS/cm	0.104 mg/L	40.78 NTU	253.4 mV	6.810 ft	250.0 ml/min
6/19/2026 1:34 PM	10:00	7.415 pH	54.36 °F	640.1 µS/cm	0.029 mg/L	28.20 NTU	245.4 mV	6.810 ft	250.0 ml/min
6/19/2026 1:39 PM	15:00	7.411 pH	54.17 °F	641.4 µS/cm	0.007 mg/L	8.711 NTU	240.6 mV	6.810 ft	250.0 ml/min
6/19/2026 1:44 PM	20:00	7.404 pH	54.13 °F	641.4 µS/cm	0.000 mg/L	5.843 NTU	236.9 mV	6.810 ft	250.0 ml/min
6/19/2026 1:49 PM	25:00	7.426 pH	54.12 °F	643.0 µS/cm	0.000 mg/L	3.888 NTU	232.9 mV	6.810 ft	250.0 ml/min

Samples

Sample ID:	Description:
MW-14i	Taken @13:52

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 6/19/2026 2:07:20 PM
Project: 51948 MW-14d
Operator Name: TS/IT

Location Name: 51948 MW-14d **Latitude: 42.4827502** **Longitude: -86.0925829** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 5 ft** **Top of Screen: 22.5 ft** **Total Depth: 27.5 ft** **Initial Depth to Water: 6.56 ft**	**Pump Type: Peristaltic** **Tubing Type: Silicone** **Pump Intake From TOC: 23 ft** **Estimated Total Volume Pumped: 6250 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.02 ft**	**Instrument Used: Aqua TROLL 600 Vented** **Serial Number: 1105292**

Test Notes:

Weather Conditions:
67°f sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 5	+/- 10	+/- 0.05	
6/19/2026 2:07 PM	00:00	7.766 pH	56.80 °F	562.9 µS/cm	6.274 mg/L	3.324 NTU	13.1 mV	6.560 ft	250.0 ml/min
6/19/2026 2:12 PM	05:00	7.593 pH	54.90 °F	570.5 µS/cm	0.122 mg/L	3.975 NTU	-74.6 mV	6.570 ft	250.0 ml/min
6/19/2026 2:17 PM	10:00	7.588 pH	54.96 °F	573.3 µS/cm	0.060 mg/L	2.724 NTU	-84.9 mV	6.580 ft	250.0 ml/min
6/19/2026 2:22 PM	15:00	7.618 pH	54.82 °F	577.8 µS/cm	0.026 mg/L	4.313 NTU	-92.5 mV	6.580 ft	250.0 ml/min
6/19/2026 2:27 PM	20:00	7.627 pH	54.79 °F	584.8 µS/cm	0.017 mg/L	4.227 NTU	-96.2 mV	6.580 ft	250.0 ml/min
6/19/2026 2:32 PM	25:00	7.634 pH	54.82 °F	581.8 µS/cm	0.007 mg/L	5.451 NTU	-100.5 mV	6.580 ft	250.0 ml/min

Samples

Sample ID:	Description:
MW-14d	Taken @14:35

Appendix B

Monitoring Well	Groundwater Elevation (ft amsl)
MW-11S	640.34
MW-13	639.4
MW-14S	639.05
MW-3S	644.85
MW-6	643.81
MW-7	643.59
MW-9	641.35

Gauging date	June 18, 2026
Wells used	7
Minimum groundwater elevation	639.05 ft
Maximum groundwater elevation	644.85 ft
Groundwater-elevation range	5.80 ft
Average groundwater elevation	641.77 ft

General groundwater-flow direction	WSW
Flow azimuth	246.2°
Hydraulic gradient	0.00472 ft/ft
Overall interpretation method	Planar fit to measured groundwater elevations
Presentation surface	Thin-plate spline (TPS)
Mapped flow arrows	Local interpreted flow directions derived from the TPS surface

Plane-Fit Diagnostic	**Result**
Wells included	7
Coefficient of determination (R^2)	0.988
Root mean square error (RMSE)	0.231 ft
Mean absolute residual	0.186 ft
Maximum absolute residual	0.418 ft
Well with maximum absolute residual	MW-3S

Monitoring Well	Measured Elevation (ft)	Plane-Fit Elevation (ft)	Residual (ft)
MW-11S	640.34	640.3461625	-0.006162489
MW-13	639.4	639.4914341	-0.091434088
MW-14S	639.05	639.185073	-0.135072999
MW-3S	644.85	645.2684155	-0.41841551
MW-6	643.81	643.5447929	0.265207052
MW-7	643.59	643.282048	0.307952044
MW-9	641.35	641.272074	0.077925989

Appendix C

Metiri Group - Holt
1914 Holloway Dr, Holt, MI 48842 - Phone (517) 699-0345 - www.metirigroup.com

July 13, 2026

Ian Temchin
Michigan Consulting and Environmental
1669 South Isabella Road
Mt. Pleasant, MI 48858

RE: Beautify Pullman 51948
26F0277

Thank you for selecting Metiri Group - Holt as your analytical laboratory. The samples submitted have been analyzed in accordance with all method and NELAC standards, as applicable. Any exceptions to compliance are noted in the report.

Please note that TO-15 samples will be disposed of 7 calendar days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

If you have any questions regarding these results, or if we may be of further assistance to you, please contact us at (517) 699-0345.

Sincerely,



Amanda Sterle
Project Manager

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Analysis Case Narrative

PFAS- 1633:

Samples in batch BFG0062 are qualified for Laboratory Control Sample (LCS/BS) and/or Low-Level Control Sample (LLCS/MRL) recoveries outside of control limits. Corrective Action: None taken, the target analytes were not detected.

Samples in sequence SF01311 are qualified for Continuing Calibration Verification (CCV) accuracies outside of control limits. Corrective Action: None taken, the target analytes were not detected.

8260

Samples in batches BFF0446 and BFG0007 were qualified for multiple analytes, due to high Laboratory Control Sample and/or Laboratory Control Sample Duplicate, Continuing Calibration Verification or Initial Calibration Verification. Results may be biased high, but were Non-Detect or Below Reporting Level. No corrective action taken.

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
26F0277-01	MW-3S	Ground Water	06/18/2026 14:25	06/23/2026
26F0277-02	MW-3D	Ground Water	06/18/2026 15:05	06/23/2026
26F0277-03	MW-6	Ground Water	06/18/2026 12:45	06/23/2026
26F0277-04	MW-7	Ground Water	06/18/2026 10:55	06/23/2026
26F0277-05	MW-9	Ground Water	06/19/2026 09:40	06/23/2026
26F0277-06	MW-11S	Ground Water	06/18/2026 17:00	06/23/2026
26F0277-07	MW-11D	Ground Water	06/18/2026 16:10	06/23/2026
26F0277-08	MW-13	Ground Water	06/19/2026 11:11	06/23/2026
26F0277-09	MW-14S	Ground Water	06/19/2026 13:00	06/23/2026
26F0277-10	MW-14I	Ground Water	06/19/2026 13:52	06/23/2026
26F0277-11	MW-14D	Ground Water	06/19/2026 14:35	06/23/2026
26F0277-12	DUP	Ground Water	06/19/2026 00:00	06/23/2026
26F0277-13	TB007090	Water	06/18/2026 00:00	06/23/2026

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results

Sample: MW-3S

26F0277-01 (Ground Water) Sampled: 06/18/26 14:25

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C										
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	2	1,1,1-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	5	1,1-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	6	1,1-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	13	1,2-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	14	1,2-Dichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	18	2-Butanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	19	2-Chlorotoluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	20	2-Hexanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	21	2-Methylnaphthalene	ND		10	ug/L	06/26/26	1	EPA 8260D	BFF0446
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	23	Acetone	ND	ICV+, V+	50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	24	Acrylonitrile	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	25	Benzene	9.5		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	26	Bromobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	27	Bromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	28	Bromodichloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	29	Bromoform (SIM)	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	30	Bromomethane	ND	ICV+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	31	Carbon Disulfide	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	32	Carbon Tetrachloride	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-3S (Continued)
26F0277-01 (Ground Water) Sampled: 06/18/26 14:25

Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	33	Chlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	34	Chloroethane	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	35	Chloroform	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	36	Chloromethane	ND	V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	37	cis-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	39	Dibromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	40	Dibromomethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	42	Ethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	43	Ethylene Dibromide	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	44	Isopropylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	45	m&p-Xylene	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	46	Methylene Chloride	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	47	MTBE	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	48	Naphthalene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	49	n-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	50	n-Propylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	52	sec-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	53	Styrene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	54	tert-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	55	Tetrachloroethene	5.4		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	56	Toluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	59	Trichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	60	Trichlorofluoromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	61	Vinyl Chloride	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	62	Xylenes	ND		3.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

Surrogate: 1,2-Dichloroethane-d4(S)	*99.3%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*
Surrogate: 4-Bromofluorobenzene(S)	*107%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results

(Continued)

Sample: MW-3S (Continued)

26F0277-01 (Ground Water) Sampled: 06/18/26 14:25

Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Surrogate: Dibromofluoromethane(S)	*98.8%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.7%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	

Per- and Polyfluoroalkyl Substances (EPA 1633)

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
1	PFBA	5.2		1.6	ng/L	07/09/26	1	EPA 1633	BFG0062
2	PFPeA	3.9		0.80	ng/L	07/09/26	1	EPA 1633	BFG0062
3	PFHxA	7.2		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
4	PFHpA	4.2		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
5	PFOA	19		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
6	PFNA	3.1		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
7	PFDA	ND		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
8	PFUnA	ND		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
9	PFDoA	ND	L+, MRL+, V+	0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
10	PFTrDA	ND	L+, MRL+, V+	0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
11	PFTeDA	ND	V+	0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
12	PFBS	1.2		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
13	PFPeS	ND		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
14	PFHxS	0.58		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
15	PFHpS	ND		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
16	PFOS	8.9		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
17	PFNS	ND		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
18	PFDS	ND		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
19	PFDoS	ND		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
20	4:2FTS	ND		1.6	ng/L	07/09/26	1	EPA 1633	BFG0062
21	6:2FTS	ND		1.6	ng/L	07/09/26	1	EPA 1633	BFG0062
22	8:2FTS	ND		1.6	ng/L	07/09/26	1	EPA 1633	BFG0062
23	PFOSA	ND		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
24	NMeFOSA	ND		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
25	NEtFOSA	ND		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
26	NMeFOSAA	ND		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-3S (Continued)
26F0277-01 (Ground Water) Sampled: 06/18/26 14:25

Analyte		Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)									
27	NEtFOSAA	ND		0.40	ng/L	07/09/26	1	EPA 1633	BFG0062
28	NMeFOSE	ND		4.0	ng/L	07/09/26	1	EPA 1633	BFG0062
29	NEtFOSE	ND		4.0	ng/L	07/09/26	1	EPA 1633	BFG0062
30	HFPO-DA	ND		1.6	ng/L	07/09/26	1	EPA 1633	BFG0062
31	ADONA	ND		1.6	ng/L	07/09/26	1	EPA 1633	BFG0062
32	PFEESA	ND		0.80	ng/L	07/09/26	1	EPA 1633	BFG0062
33	PFMPA	ND		0.80	ng/L	07/09/26	1	EPA 1633	BFG0062
34	PFMBA	ND		0.80	ng/L	07/09/26	1	EPA 1633	BFG0062
35	NFDHA	ND		0.80	ng/L	07/09/26	1	EPA 1633	BFG0062
36	9Cl-PF3ONS	ND		1.6	ng/L	07/09/26	1	EPA 1633	BFG0062
37	11Cl-PF3OUDS	ND		1.6	ng/L	07/09/26	1	EPA 1633	BFG0062
38	3:3FTCA	ND		2.0	ng/L	07/09/26	1	EPA 1633	BFG0062
39	5:3FTCA	ND		10	ng/L	07/09/26	1	EPA 1633	BFG0062
40	7:3FTCA	ND		10	ng/L	07/09/26	1	EPA 1633	BFG0062
Surrogate: 13C4-PFBA		*97%*		*5-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFPEA		*93%*		*40-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFHXA		*94%*		*40-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C4-PFHPA		*100%*		*40-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOA		*100%*		*40-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C9-PFNA		*117%*		*40-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C6-PFDA		*85%*		*40-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C7-PFUnA		*70%*		*30-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFDOA		*58%*		*10-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFTEDA		*49%*		*10-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFBS		*99%*		*40-135*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFHXS		*91%*		*40-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOS		*94%*		*40-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C2-4:2FTS		*112%*		*40-200*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C2-6:2FTS		*95%*		*40-200*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C2-8:2FTS		*88%*		*40-300*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOSA		*89%*		*40-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSA		*63%*		*10-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSA		*64%*		*10-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSAA		*100%*		*40-170*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSAA		*95%*		*25-135*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: D7-NMEFOSE		*88%*		*10-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: D9-NETFOSE		*79%*		*10-130*		*07/09/26*	*1*	*EPA 1633*	
Surrogate: 13C3-HFPO-DA		*96%*		*40-130*		*07/09/26*	*1*	*EPA 1633*	

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-3S (Continued)
26F0277-01 (Ground Water) Sampled: 06/18/26 14:25

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals									
1	ARSENIC (AS)	ND		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	BARIUM (BA)	12		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CADMIUM (CD)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CHROMIUM (CR)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	COPPER (CU)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	LEAD (PB)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	Mercury	ND		0.025	ug/L	06/26/26	1	EPA 7470A	BFF0454
1	SELENIUM (SE)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	SILVER (AG)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	ZINC (ZN)	5.1		5.0	ug/L	06/29/26	10	EPA 6020B	BFF0460

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-3D

26F0277-02 (Ground Water) Sampled: 06/18/26 15:05

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	2	1,1,1-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	5	1,1-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	6	1,1-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	13	1,2-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	14	1,2-Dichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	18	2-Butanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	19	2-Chlorotoluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	20	2-Hexanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	21	2-Methylnaphthalene	ND		10	ug/L	06/26/26	1	EPA 8260D	BFF0446
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	23	Acetone	ND	ICV+, V+	50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	24	Acrylonitrile	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	25	Benzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	26	Bromobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	27	Bromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	28	Bromodichloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	29	Bromoform (SIM)	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	30	Bromomethane	ND	ICV+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	31	Carbon Disulfide	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	32	Carbon Tetrachloride	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-3D (Continued)
26F0277-02 (Ground Water) Sampled: 06/18/26 15:05

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)										
	33	Chlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	34	Chloroethane	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	35	Chloroform	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	36	Chloromethane	ND	V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	37	cis-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	39	Dibromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	40	Dibromomethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	42	Ethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	43	Ethylene Dibromide	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	44	Isopropylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	45	m&p-Xylene	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	46	Methylene Chloride	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	47	MTBE	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	48	Naphthalene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	49	n-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	50	n-Propylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	52	sec-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	53	Styrene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	54	tert-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	55	Tetrachloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	56	Toluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	59	Trichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	60	Trichlorofluoromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	61	Vinyl Chloride	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	62	Xylenes	ND		3.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

Surrogate: 1,2-Dichloroethane-d4(S)	*98.3%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*
Surrogate: 4-Bromofluorobenzene(S)	*106%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-3D (Continued)
26F0277-02 (Ground Water) Sampled: 06/18/26 15:05

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)								
Surrogate: Dibromofluoromethane(S)	*99.1%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.9%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633)									
1	PFBA	1.9		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
2	PFPeA	2.1		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
3	PFHxA	2.6		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
4	PFHpA	1.1		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
5	PFOA	3.3		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
6	PFNA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
7	PFDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
8	PFUnA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
9	PFDoA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
10	PFTrDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
11	PFTeDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
12	PFBS	3.1		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
13	PFPeS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
14	PFHxS	2.1		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
15	PFHpS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
16	PFOS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
17	PFNS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
18	PFDS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
19	PFDoS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
20	4:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
21	6:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
22	8:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
23	PFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
24	NMeFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
25	NEtFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
26	NMeFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
27	NEtFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
28	NMeFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0062

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-3D (Continued)
26F0277-02 (Ground Water) Sampled: 06/18/26 15:05

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)								
29 NEtFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0062
30 HFPO-DA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
31 ADONA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
32 PFEESA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
33 PFMPA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
34 PFMBA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
35 NFDHA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
36 9Cl-PF3ONS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
37 11Cl-PF3OUDS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
38 3:3FTCA	ND		2.0	ng/L	07/10/26	1	EPA 1633	BFG0062
39 5:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0062
40 7:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0062
Surrogate: 13C4-PFBA	*98%*		*5-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFPEA	*106%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFHXA	*92%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C4-PFHPA	*98%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOA	*97%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C9-PFNA	*94%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C6-PFDA	*97%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C7-PFUnA	*102%*		*30-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFDOA	*94%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFTEDA	*86%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFBS	*106%*		*40-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFHXS	*95%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOS	*96%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-4:2FTS	*134%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-6:2FTS	*98%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-8:2FTS	*89%*		*40-300*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOSA	*92%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSA	*61%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSA	*59%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSAA	*94%*		*40-170*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSAA	*94%*		*25-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D7-NMEFOSE	*81%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D9-NETFOSE	*82%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-HFPO-DA	*96%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals								

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-3D (Continued)
26F0277-02 (Ground Water) Sampled: 06/18/26 15:05

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals (Continued)									
1	ARSENIC (AS)	ND		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	BARIUM (BA)	ND		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CADMIUM (CD)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CHROMIUM (CR)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	COPPER (CU)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	LEAD (PB)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	Mercury	ND		0.025	ug/L	06/26/26	1	EPA 7470A	BFF0454
1	SELENIUM (SE)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	SILVER (AG)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	ZINC (ZN)	6.9		5.0	ug/L	06/29/26	10	EPA 6020B	BFF0460

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-6

26F0277-03 (Ground Water) Sampled: 06/18/26 12:45

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	2	1,1,1-Trichloroethane	2.7		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	5	1,1-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	6	1,1-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	13	1,2-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	14	1,2-Dichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	18	2-Butanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	19	2-Chlorotoluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	20	2-Hexanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	21	2-Methylnaphthalene	ND		10	ug/L	06/26/26	1	EPA 8260D	BFF0446
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	23	Acetone	ND	ICV+, V+	50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	24	Acrylonitrile	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	25	Benzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	26	Bromobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	27	Bromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	28	Bromodichloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	29	Bromoform (SIM)	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	30	Bromomethane	ND	ICV+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	31	Carbon Disulfide	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	32	Carbon Tetrachloride	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-6 (Continued)
26F0277-03 (Ground Water) Sampled: 06/18/26 12:45

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)										
	33	Chlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	34	Chloroethane	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	35	Chloroform	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	36	Chloromethane	ND	V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	37	cis-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	39	Dibromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	40	Dibromomethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	42	Ethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	43	Ethylene Dibromide	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	44	Isopropylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	45	m&p-Xylene	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	46	Methylene Chloride	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	47	MTBE	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	48	Naphthalene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	49	n-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	50	n-Propylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	52	sec-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	53	Styrene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	54	tert-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	55	Tetrachloroethene	15		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	56	Toluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	59	Trichloroethene	5.3		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	60	Trichlorofluoromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	61	Vinyl Chloride	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	62	Xylenes	ND		3.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

Surrogate: 1,2-Dichloroethane-d4(S)	*97.7%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*
Surrogate: 4-Bromofluorobenzene(S)	*98.4%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-6 (Continued)
26F0277-03 (Ground Water) Sampled: 06/18/26 12:45

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)								
Surrogate: Dibromofluoromethane(S)	*97.7%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.8%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633)									
1	PFBA	3.8		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
2	PFPeA	1.2		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
3	PFHxA	0.80		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
4	PFHpA	0.52		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
5	PFOA	2.7		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
6	PFNA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
7	PFDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
8	PFUnA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
9	PFDoA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
10	PFTrDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
11	PFTeDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
12	PFBS	3.4		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
13	PFPeS	0.41		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
14	PFHxS	2.7		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
15	PFHpS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
16	PFOS	2.5		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
17	PFNS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
18	PFDS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
19	PFDoS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
20	4:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
21	6:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
22	8:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
23	PFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
24	NMeFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
25	NEtFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
26	NMeFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
27	NEtFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
28	NMeFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0062

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-6 (Continued)
26F0277-03 (Ground Water) Sampled: 06/18/26 12:45

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)								
29 NEtFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0062
30 HFPO-DA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
31 ADONA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
32 PFEESA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
33 PFMPA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
34 PFMBA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
35 NFDHA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
36 9Cl-PF3ONS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
37 11Cl-PF3OUDS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
38 3:3FTCA	ND		2.0	ng/L	07/10/26	1	EPA 1633	BFG0062
39 5:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0062
40 7:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0062
Surrogate: 13C4-PFBA	*95%*		*5-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFPEA	*107%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFHXA	*95%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C4-PFHPA	*100%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOA	*96%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C9-PFNA	*98%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C6-PFDA	*97%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C7-PFUnA	*97%*		*30-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFDOA	*91%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFTEDA	*81%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFBS	*106%*		*40-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFHXS	*94%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOS	*97%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-4:2FTS	*114%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-6:2FTS	*102%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-8:2FTS	*93%*		*40-300*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOSA	*89%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSA	*60%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSA	*58%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSAA	*89%*		*40-170*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSAA	*89%*		*25-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D7-NMEFOSE	*75%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D9-NETFOSE	*75%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-HFPO-DA	*95%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals								

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-6 (Continued)
26F0277-03 (Ground Water) Sampled: 06/18/26 12:45

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals (Continued)									
1	ARSENIC (AS)	ND		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	BARIUM (BA)	3.1		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CADMIUM (CD)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CHROMIUM (CR)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	COPPER (CU)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	LEAD (PB)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	Mercury	ND		0.025	ug/L	06/26/26	1	EPA 7470A	BFF0454
1	SELENIUM (SE)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	SILVER (AG)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	ZINC (ZN)	12		5.0	ug/L	06/29/26	10	EPA 6020B	BFF0460

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-7

26F0277-04 (Ground Water) Sampled: 06/18/26 10:55

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	2	1,1,1-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	5	1,1-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	6	1,1-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	13	1,2-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	14	1,2-Dichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	18	2-Butanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	19	2-Chlorotoluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	20	2-Hexanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	21	2-Methylnaphthalene	ND		10	ug/L	06/26/26	1	EPA 8260D	BFF0446
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	23	Acetone	ND	ICV+, V+	50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	24	Acrylonitrile	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	25	Benzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	26	Bromobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	27	Bromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	28	Bromodichloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	29	Bromoform (SIM)	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	30	Bromomethane	ND	ICV+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	31	Carbon Disulfide	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	32	Carbon Tetrachloride	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-7 (Continued)
26F0277-04 (Ground Water) Sampled: 06/18/26 10:55

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)										
	33	Chlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	34	Chloroethane	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	35	Chloroform	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	36	Chloromethane	ND	V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	37	cis-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	39	Dibromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	40	Dibromomethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	42	Ethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	43	Ethylene Dibromide	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	44	Isopropylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	45	m&p-Xylene	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	46	Methylene Chloride	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	47	MTBE	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	48	Naphthalene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	49	n-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	50	n-Propylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	52	sec-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	53	Styrene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	54	tert-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	55	Tetrachloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	56	Toluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	59	Trichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	60	Trichlorofluoromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	61	Vinyl Chloride	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	62	Xylenes	ND		3.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

Surrogate: 1,2-Dichloroethane-d4(S)	*98.1%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*
Surrogate: 4-Bromofluorobenzene(S)	*98.2%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-7 (Continued)
26F0277-04 (Ground Water) Sampled: 06/18/26 10:55

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)								
Surrogate: Dibromofluoromethane(S)	*98.6%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.7%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633)									
1	PFBA	3.4		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
2	PFPeA	4.0		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
3	PFHxA	5.1		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
4	PFHpA	1.8		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
5	PFOA	5.2		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
6	PFNA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
7	PFDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
8	PFUnA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
9	PFDoA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
10	PFTrDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
11	PFTeDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
12	PFBS	7.1		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
13	PFPeS	0.46		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
14	PFHxS	2.5		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
15	PFHpS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
16	PFOS	0.48		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
17	PFNS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
18	PFDS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
19	PFDoS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
20	4:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
21	6:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
22	8:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
23	PFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
24	NMeFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
25	NEtFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
26	NMeFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
27	NEtFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
28	NMeFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0062

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-7 (Continued)
26F0277-04 (Ground Water) Sampled: 06/18/26 10:55

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)								
29 NEtFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0062
30 HFPO-DA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
31 ADONA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
32 PFEESA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
33 PFMPA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
34 PFMBA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
35 NFDHA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
36 9Cl-PF3ONS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
37 11Cl-PF3OUDS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
38 3:3FTCA	ND		2.0	ng/L	07/10/26	1	EPA 1633	BFG0062
39 5:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0062
40 7:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0062
Surrogate: 13C4-PFBA	*94%*		*5-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFPEA	*101%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFHXA	*93%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C4-PFHPA	*93%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOA	*95%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C9-PFNA	*99%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C6-PFDA	*94%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C7-PFUnA	*100%*		*30-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFDOA	*92%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFTEDA	*80%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFBS	*96%*		*40-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFHXS	*87%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOS	*88%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-4:2FTS	*101%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-6:2FTS	*95%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-8:2FTS	*98%*		*40-300*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOSA	*84%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSA	*52%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSA	*49%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSAA	*127%*		*40-170*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSAA	*113%*		*25-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D7-NMEFOSE	*76%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D9-NETFOSE	*73%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-HFPO-DA	*93%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals								

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-7 (Continued)
26F0277-04 (Ground Water) Sampled: 06/18/26 10:55

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals (Continued)									
1	ARSENIC (AS)	ND		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	BARIUM (BA)	1.2		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CADMIUM (CD)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CHROMIUM (CR)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	COPPER (CU)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	LEAD (PB)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	Mercury	ND		0.025	ug/L	06/26/26	1	EPA 7470A	BFF0454
1	SELENIUM (SE)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	SILVER (AG)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	ZINC (ZN)	ND		5.0	ug/L	06/29/26	10	EPA 6020B	BFF0460

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-9

26F0277-05 (Ground Water) Sampled: 06/19/26 09:40

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	2	1,1,1-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	5	1,1-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	6	1,1-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	13	1,2-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	14	1,2-Dichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	18	2-Butanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	19	2-Chlorotoluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	20	2-Hexanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	21	2-Methylnaphthalene	ND		10	ug/L	06/26/26	1	EPA 8260D	BFF0446
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	23	Acetone	ND	ICV+, V+	50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	24	Acrylonitrile	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	25	Benzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	26	Bromobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	27	Bromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	28	Bromodichloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	29	Bromoform (SIM)	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	30	Bromomethane	ND	ICV+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	31	Carbon Disulfide	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	32	Carbon Tetrachloride	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-9 (Continued)
26F0277-05 (Ground Water) Sampled: 06/19/26 09:40

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)										
	33	Chlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	34	Chloroethane	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	35	Chloroform	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	36	Chloromethane	ND	V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	37	cis-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	39	Dibromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	40	Dibromomethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	42	Ethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	43	Ethylene Dibromide	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	44	Isopropylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	45	m&p-Xylene	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	46	Methylene Chloride	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	47	MTBE	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	48	Naphthalene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	49	n-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	50	n-Propylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	52	sec-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	53	Styrene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	54	tert-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	55	Tetrachloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	56	Toluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	59	Trichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	60	Trichlorofluoromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	61	Vinyl Chloride	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	62	Xylenes	ND		3.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
Surrogate: 1,2-Dichloroethane-d4(S)			*97.9%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	
Surrogate: 4-Bromofluorobenzene(S)			*110%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-9 (Continued)
26F0277-05 (Ground Water) Sampled: 06/19/26 09:40

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)								
Surrogate: Dibromofluoromethane(S)	*98.8%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.5%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633)									
1	PFBA	2.9		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
2	PFPeA	ND	*	0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
3	PFHxA	ND	*	0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
4	PFHpA	ND	*	0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
5	PFOA	1.1		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
6	PFNA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
7	PFDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
8	PFUnA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
9	PFDoA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
10	PFTrDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
11	PFTeDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
12	PFBS	8.0		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
13	PFPeS	ND	*	0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
14	PFHxS	1.5		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
15	PFHpS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
16	PFOS	4.2		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
17	PFNS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
18	PFDS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
19	PFDoS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
20	4:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
21	6:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
22	8:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
23	PFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
24	NMeFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
25	NEtFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
26	NMeFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
27	NEtFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
28	NMeFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0062

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-9 (Continued)
26F0277-05 (Ground Water) Sampled: 06/19/26 09:40

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)								
29 NEtFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0062
30 HFPO-DA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
31 ADONA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
32 PFEESA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
33 PFMPA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
34 PFMBA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
35 NFDHA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
36 9Cl-PF3ONS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
37 11Cl-PF3OUDS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
38 3:3FTCA	ND		2.0	ng/L	07/10/26	1	EPA 1633	BFG0062
39 5:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0062
40 7:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0062
Surrogate: 13C4-PFBA	*93%*		*5-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFPEA	*103%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFHXA	*95%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C4-PFHPA	*95%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOA	*97%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C9-PFNA	*99%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C6-PFDA	*93%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C7-PFUnA	*98%*		*30-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFDOA	*86%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFTEDA	*80%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFBS	*98%*		*40-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFHXS	*88%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOS	*92%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-4:2FTS	*113%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-6:2FTS	*97%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-8:2FTS	*91%*		*40-300*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOSA	*91%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSA	*59%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSA	*58%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSAA	*90%*		*40-170*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSAA	*87%*		*25-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D7-NMEFOSE	*78%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D9-NETFOSE	*79%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-HFPO-DA	*94%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals								

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-9 (Continued)
26F0277-05 (Ground Water) Sampled: 06/19/26 09:40

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals (Continued)									
1	ARSENIC (AS)	ND		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	BARIUM (BA)	8.4		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CADMIUM (CD)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CHROMIUM (CR)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	COPPER (CU)	7.7		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	LEAD (PB)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	Mercury	ND		0.025	ug/L	06/26/26	1	EPA 7470A	BFF0454
1	SELENIUM (SE)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	SILVER (AG)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	ZINC (ZN)	9.5		5.0	ug/L	06/29/26	10	EPA 6020B	BFF0460

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-11S
26F0277-06 (Ground Water) Sampled: 06/18/26 17:00

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	2	1,1,1-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	5	1,1-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	6	1,1-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	13	1,2-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	14	1,2-Dichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	18	2-Butanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	19	2-Chlorotoluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	20	2-Hexanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	21	2-Methylnaphthalene	ND		10	ug/L	06/26/26	1	EPA 8260D	BFF0446
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	23	Acetone	ND	ICV+, V+	50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	24	Acrylonitrile	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	25	Benzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	26	Bromobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	27	Bromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	28	Bromodichloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	29	Bromoform (SIM)	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	30	Bromomethane	ND	ICV+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	31	Carbon Disulfide	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	32	Carbon Tetrachloride	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-11S (Continued)
26F0277-06 (Ground Water) Sampled: 06/18/26 17:00

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)										
	33	Chlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	34	Chloroethane	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	35	Chloroform	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	36	Chloromethane	ND	V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	37	cis-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	39	Dibromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	40	Dibromomethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	42	Ethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	43	Ethylene Dibromide	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	44	Isopropylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	45	m&p-Xylene	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	46	Methylene Chloride	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	47	MTBE	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	48	Naphthalene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	49	n-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	50	n-Propylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	52	sec-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	53	Styrene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	54	tert-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	55	Tetrachloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	56	Toluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	59	Trichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	60	Trichlorofluoromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	61	Vinyl Chloride	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	62	Xylenes	ND		3.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
Surrogate: 1,2-Dichloroethane-d4(S)			*99.1%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	
Surrogate: 4-Bromofluorobenzene(S)			*107%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-11S (Continued)
26F0277-06 (Ground Water) Sampled: 06/18/26 17:00

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)								
Surrogate: Dibromofluoromethane(S)	*97.6%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.6%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633)									
1	PFBA	32		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
2	PFPeA	170		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
3	PFHxA	160		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
4	PFHpA	7.7		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
5	PFOA	13		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
6	PFNA	2.4		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
7	PFDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
8	PFUnA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
9	PFDoA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
10	PFTrDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
11	PFTeDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
12	PFBS	44		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
13	PFPeS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
14	PFHxS	1.1		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
15	PFHpS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
16	PFOS	4.3		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
17	PFNS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
18	PFDS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
19	PFDoS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
20	4:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
21	6:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
22	8:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
23	PFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
24	NMeFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
25	NEtFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
26	NMeFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
27	NEtFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0062
28	NMeFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0062

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-11S (Continued)
26F0277-06 (Ground Water) Sampled: 06/18/26 17:00

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)								
29 NEtFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0062
30 HFPO-DA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
31 ADONA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
32 PFEESA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
33 PFMPA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
34 PFMBA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
35 NFDHA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0062
36 9Cl-PF3ONS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
37 11Cl-PF3OUDS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0062
38 3:3FTCA	ND		2.0	ng/L	07/10/26	1	EPA 1633	BFG0062
39 5:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0062
40 7:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0062
Surrogate: 13C4-PFBA	*98%*		*5-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFPEA	*102%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFHXA	*93%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C4-PFHPA	*102%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOA	*98%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C9-PFNA	*99%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C6-PFDA	*97%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C7-PFUnA	*98%*		*30-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFDOA	*88%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFTEDA	*78%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFBS	*104%*		*40-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFHXS	*94%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOS	*97%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-4:2FTS	*112%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-6:2FTS	*99%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-8:2FTS	*93%*		*40-300*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOSA	*93%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSA	*63%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSA	*62%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSAA	*92%*		*40-170*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSAA	*95%*		*25-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D7-NMEFOSE	*81%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D9-NETFOSE	*80%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-HFPO-DA	*104%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals								

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-11S (Continued)
26F0277-06 (Ground Water) Sampled: 06/18/26 17:00

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals (Continued)									
1	ARSENIC (AS)	ND		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	BARIUM (BA)	5.2		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CADMIUM (CD)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CHROMIUM (CR)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	COPPER (CU)	4.5		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	LEAD (PB)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	Mercury	ND		0.025	ug/L	06/26/26	1	EPA 7470A	BFF0454
1	SELENIUM (SE)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	SILVER (AG)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	ZINC (ZN)	ND		5.0	ug/L	06/29/26	10	EPA 6020B	BFF0460

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-11D

26F0277-07 (Ground Water) Sampled: 06/18/26 16:10

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	2	1,1,1-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	5	1,1-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	6	1,1-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	13	1,2-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	14	1,2-Dichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	18	2-Butanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	19	2-Chlorotoluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	20	2-Hexanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	21	2-Methylnaphthalene	ND		10	ug/L	06/26/26	1	EPA 8260D	BFF0446
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	23	Acetone	ND	ICV+, V+	50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	24	Acrylonitrile	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	25	Benzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	26	Bromobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	27	Bromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	28	Bromodichloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	29	Bromoform (SIM)	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	30	Bromomethane	ND	ICV+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	31	Carbon Disulfide	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	32	Carbon Tetrachloride	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-11D (Continued)
26F0277-07 (Ground Water) Sampled: 06/18/26 16:10

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)										
	33	Chlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	34	Chloroethane	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	35	Chloroform	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	36	Chloromethane	ND	V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	37	cis-1,2-Dichloroethene	8.6		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	39	Dibromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	40	Dibromomethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	42	Ethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	43	Ethylene Dibromide	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	44	Isopropylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	45	m&p-Xylene	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	46	Methylene Chloride	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	47	MTBE	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	48	Naphthalene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	49	n-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	50	n-Propylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	52	sec-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	53	Styrene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	54	tert-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	55	Tetrachloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	56	Toluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	59	Trichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	60	Trichlorofluoromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	61	Vinyl Chloride	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	62	Xylenes	ND		3.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

Surrogate: 1,2-Dichloroethane-d4(S)	*99.2%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*
Surrogate: 4-Bromofluorobenzene(S)	*107%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-11D (Continued)
26F0277-07 (Ground Water) Sampled: 06/18/26 16:10

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)								
Surrogate: Dibromofluoromethane(S)	*98.8%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.9%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633)									
1	PFBA	24		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
2	PFPeA	58		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
3	PFHxA	48		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
4	PFHpA	1.2		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
5	PFOA	2.2		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
6	PFNA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
7	PFDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
8	PFUnA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
9	PFDoA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
10	PFTrDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
11	PFTeDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
12	PFBS	3.2		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
13	PFPeS	0.52		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
14	PFHxS	2.4		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
15	PFHpS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
16	PFOS	2.1		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
17	PFNS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
18	PFDS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
19	PFDoS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
20	4:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
21	6:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
22	8:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
23	PFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
24	NMeFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
25	NEtFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
26	NMeFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
27	NEtFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
28	NMeFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0079

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-11D (Continued)
26F0277-07 (Ground Water) Sampled: 06/18/26 16:10

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)								
29 NEtFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0079
30 HFPO-DA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
31 ADONA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
32 PFEESA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
33 PFMPA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
34 PFMBA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
35 NFDHA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
36 9Cl-PF3ONS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
37 11Cl-PF3OUDS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
38 3:3FTCA	ND		2.0	ng/L	07/10/26	1	EPA 1633	BFG0079
39 5:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0079
40 7:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0079
Surrogate: 13C4-PFBA	*76%*		*5-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFPEA	*66%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFHXA	*66%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C4-PFHPA	*64%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOA	*68%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C9-PFNA	*70%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C6-PFDA	*68%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C7-PFUnA	*72%*		*30-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFDOA	*75%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFTEDA	*75%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFBS	*65%*		*40-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFHXS	*57%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOS	*59%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-4:2FTS	*132%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-6:2FTS	*77%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-8:2FTS	*69%*		*40-300*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOSA	*94%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSA	*51%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSA	*47%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSAA	*50%*		*40-170*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSAA	*53%*		*25-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D7-NMEFOSE	*64%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D9-NETFOSE	*63%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-HFPO-DA	*67%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals								

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-11D (Continued)
26F0277-07 (Ground Water) Sampled: 06/18/26 16:10

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals (Continued)									
1	ARSENIC (AS)	3.8		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	BARIUM (BA)	28		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CADMIUM (CD)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CHROMIUM (CR)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	COPPER (CU)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	LEAD (PB)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	Mercury	ND		0.025	ug/L	06/26/26	1	EPA 7470A	BFF0454
1	SELENIUM (SE)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	SILVER (AG)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	ZINC (ZN)	6.7		5.0	ug/L	06/29/26	10	EPA 6020B	BFF0460

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-13

26F0277-08 (Ground Water) Sampled: 06/19/26 11:11

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	2	1,1,1-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	5	1,1-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	6	1,1-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	13	1,2-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	14	1,2-Dichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	18	2-Butanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	19	2-Chlorotoluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	20	2-Hexanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	21	2-Methylnaphthalene	ND		10	ug/L	06/26/26	1	EPA 8260D	BFF0446
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	23	Acetone	ND	ICV+, V+	50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	24	Acrylonitrile	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	25	Benzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	26	Bromobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	27	Bromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	28	Bromodichloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	29	Bromoform (SIM)	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	30	Bromomethane	ND	ICV+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	31	Carbon Disulfide	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	32	Carbon Tetrachloride	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-13 (Continued)
26F0277-08 (Ground Water) Sampled: 06/19/26 11:11

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)										
	33	Chlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	34	Chloroethane	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	35	Chloroform	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	36	Chloromethane	ND	V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	37	cis-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	39	Dibromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	40	Dibromomethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	42	Ethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	43	Ethylene Dibromide	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	44	Isopropylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	45	m&p-Xylene	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	46	Methylene Chloride	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	47	MTBE	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	48	Naphthalene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	49	n-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	50	n-Propylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	52	sec-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	53	Styrene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	54	tert-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	55	Tetrachloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	56	Toluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	59	Trichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	60	Trichlorofluoromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	61	Vinyl Chloride	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	62	Xylenes	ND		3.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

Surrogate: 1,2-Dichloroethane-d4(S)	*98.0%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*
Surrogate: 4-Bromofluorobenzene(S)	*106%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-13 (Continued)
26F0277-08 (Ground Water) Sampled: 06/19/26 11:11

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)								
Surrogate: Dibromofluoromethane(S)	*98.2%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.5%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633)									
1	PFBA	8.3		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
2	PFPeA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
3	PFHxA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
4	PFHpA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
5	PFOA	0.91		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
6	PFNA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
7	PFDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
8	PFUnA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
9	PFDoA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
10	PFTrDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
11	PFTeDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
12	PFBS	7.3		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
13	PFPeS	0.92		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
14	PFHxS	3.6		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
15	PFHpS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
16	PFOS	1.7		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
17	PFNS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
18	PFDS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
19	PFDoS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
20	4:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
21	6:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
22	8:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
23	PFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
24	NMeFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
25	NEtFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
26	NMeFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
27	NEtFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
28	NMeFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0079

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-13 (Continued)
26F0277-08 (Ground Water) Sampled: 06/19/26 11:11

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)								
29 NEtFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0079
30 HFPO-DA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
31 ADONA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
32 PFEESA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
33 PFMPA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
34 PFMBA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
35 NFDHA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
36 9Cl-PF3ONS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
37 11Cl-PF3OUDS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
38 3:3FTCA	ND		2.0	ng/L	07/10/26	1	EPA 1633	BFG0079
39 5:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0079
40 7:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0079
Surrogate: 13C4-PFBA	*93%*		*5-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFPEA	*89%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFHXA	*95%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C4-PFHPA	*86%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOA	*91%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C9-PFNA	*102%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C6-PFDA	*92%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C7-PFUnA	*94%*		*30-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFDOA	*85%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFTEDA	*98%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFBS	*102%*		*40-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFHXS	*92%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOS	*91%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-4:2FTS	*118%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-6:2FTS	*99%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-8:2FTS	*92%*		*40-300*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOSA	*86%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSA	*53%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSA	*51%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSAA	*74%*		*40-170*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSAA	*80%*		*25-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D7-NMEFOSE	*63%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D9-NETFOSE	*63%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-HFPO-DA	*88%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals								

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-13 (Continued)
26F0277-08 (Ground Water) Sampled: 06/19/26 11:11

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals (Continued)									
1	ARSENIC (AS)	ND		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	BARIUM (BA)	5.5		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CADMIUM (CD)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CHROMIUM (CR)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	COPPER (CU)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	LEAD (PB)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	Mercury	ND		0.025	ug/L	06/26/26	1	EPA 7470A	BFF0454
1	SELENIUM (SE)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	SILVER (AG)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	ZINC (ZN)	6.8		5.0	ug/L	06/29/26	10	EPA 6020B	BFF0460

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14S
26F0277-09 (Ground Water) Sampled: 06/19/26 13:00

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	2	1,1,1-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	5	1,1-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	6	1,1-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	13	1,2-Dichloroethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	14	1,2-Dichloropropane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	18	2-Butanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	19	2-Chlorotoluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	20	2-Hexanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	21	2-Methylnaphthalene	ND		10	ug/L	06/26/26	1	EPA 8260D	BFF0446
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	23	Acetone	ND	ICV+, V+	50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	24	Acrylonitrile	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	25	Benzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	26	Bromobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	27	Bromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	28	Bromodichloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	29	Bromoform (SIM)	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	30	Bromomethane	ND	ICV+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	31	Carbon Disulfide	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	32	Carbon Tetrachloride	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14S (Continued)
26F0277-09 (Ground Water) Sampled: 06/19/26 13:00

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)										
	33	Chlorobenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	34	Chloroethane	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	35	Chloroform	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	36	Chloromethane	ND	V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	37	cis-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	39	Dibromochloromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	40	Dibromomethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	42	Ethylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	43	Ethylene Dibromide	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	44	Isopropylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	45	m&p-Xylene	ND		2.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	46	Methylene Chloride	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	47	MTBE	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	48	Naphthalene	ND		5.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	49	n-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	50	n-Propylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	52	sec-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	53	Styrene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	54	tert-Butylbenzene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	55	Tetrachloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	56	Toluene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	06/26/26	1	EPA 8260D	BFF0446
	59	Trichloroethene	1.7		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	60	Trichlorofluoromethane	ND		1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	61	Vinyl Chloride	ND	V+	1.0	ug/L	06/26/26	1	EPA 8260D	BFF0446
	62	Xylenes	ND		3.0	ug/L	06/26/26	1	EPA 8260D	BFF0446

Surrogate: 1,2-Dichloroethane-d4(S)	*98.8%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*
Surrogate: 4-Bromofluorobenzene(S)	*99.4%*	*80-120*	*06/26/26*	*1*	*EPA 8260D*

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14S (Continued)
26F0277-09 (Ground Water) Sampled: 06/19/26 13:00

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)								
Surrogate: Dibromofluoromethane(S)	*97.8%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.9%*		*80-120*		*06/26/26*	*1*	*EPA 8260D*	

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633)									
1	PFBA	5.7		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
2	PFPeA	2.7		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
3	PFHxA	1.5		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
4	PFHpA	0.76		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
5	PFOA	5.0		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
6	PFNA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
7	PFDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
8	PFUnA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
9	PFDoA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
10	PFTrDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
11	PFTeDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
12	PFBS	3.3		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
13	PFPeS	0.61		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
14	PFHxS	2.8		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
15	PFHpS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
16	PFOS	4.0		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
17	PFNS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
18	PFDS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
19	PFDoS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
20	4:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
21	6:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
22	8:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
23	PFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
24	NMeFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
25	NEtFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
26	NMeFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
27	NEtFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
28	NMeFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0079

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14S (Continued)
26F0277-09 (Ground Water) Sampled: 06/19/26 13:00

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)								
29 NEtFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0079
30 HFPO-DA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
31 ADONA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
32 PFEESA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
33 PFMPA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
34 PFMBA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
35 NFDHA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
36 9Cl-PF3ONS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
37 11Cl-PF3OUDS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
38 3:3FTCA	ND		2.0	ng/L	07/10/26	1	EPA 1633	BFG0079
39 5:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0079
40 7:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0079
Surrogate: 13C4-PFBA	*98%*		*5-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFPEA	*93%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFHXA	*92%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C4-PFHPA	*84%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOA	*94%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C9-PFNA	*99%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C6-PFDA	*97%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C7-PFUnA	*97%*		*30-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFDOA	*89%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFTEDA	*82%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFBS	*105%*		*40-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFHXS	*92%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOS	*92%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-4:2FTS	*129%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-6:2FTS	*105%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-8:2FTS	*94%*		*40-300*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOSA	*93%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSA	*56%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSA	*53%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSAA	*77%*		*40-170*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSAA	*77%*		*25-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D7-NMEFOSE	*65%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D9-NETFOSE	*64%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-HFPO-DA	*91%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals								

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14S (Continued)
26F0277-09 (Ground Water) Sampled: 06/19/26 13:00

Analyte		Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals (Continued)									
1	ARSENIC (AS)	ND		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	BARIUM (BA)	32		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CADMIUM (CD)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CHROMIUM (CR)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	COPPER (CU)	2.2		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	LEAD (PB)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	Mercury	ND		0.025	ug/L	06/26/26	1	EPA 7470A	BFF0454
1	SELENIUM (SE)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	SILVER (AG)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	ZINC (ZN)	27		5.0	ug/L	06/29/26	10	EPA 6020B	BFF0460

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14I

26F0277-10 (Ground Water) Sampled: 06/19/26 13:52

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	2	1,1,1-Trichloroethane	2.9		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	5	1,1-Dichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	6	1,1-Dichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	13	1,2-Dichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	14	1,2-Dichloropropane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	18	2-Butanone	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	19	2-Chlorotoluene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	20	2-Hexanone	ND	V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	21	2-Methylnaphthalene	ND		10	ug/L	07/01/26	1	EPA 8260D	BFG0007
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	23	Acetone	ND	ICV+, V+	50	ug/L	07/01/26	1	EPA 8260D	BFG0007
	24	Acrylonitrile	ND		2.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	25	Benzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	26	Bromobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	27	Bromochloromethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	28	Bromodichloromethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	29	Bromoform (SIM)	ND	L+, V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	30	Bromomethane	ND	ICV+, V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	31	Carbon Disulfide	ND	V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	32	Carbon Tetrachloride	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14I (Continued)
26F0277-10 (Ground Water) Sampled: 06/19/26 13:52

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)										
	33	Chlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	34	Chloroethane	ND	V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	35	Chloroform	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	36	Chloromethane	ND	V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	37	cis-1,2-Dichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	07/01/26	1	EPA 8260D	BFG0007
	39	Dibromochloromethane	ND	V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	40	Dibromomethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	42	Ethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	43	Ethylene Dibromide	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	44	Isopropylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	45	m&p-Xylene	ND		2.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	46	Methylene Chloride	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	47	MTBE	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	48	Naphthalene	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	49	n-Butylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	50	n-Propylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	52	sec-Butylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	53	Styrene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	54	tert-Butylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	55	Tetrachloroethene	43		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	56	Toluene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	07/01/26	1	EPA 8260D	BFG0007
	59	Trichloroethene	20		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	60	Trichlorofluoromethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	61	Vinyl Chloride	ND	V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	62	Xylenes	ND		3.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
Surrogate: 1,2-Dichloroethane-d4(S)			*98.1%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	
Surrogate: 4-Bromofluorobenzene(S)			*106%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14I (Continued)
26F0277-10 (Ground Water) Sampled: 06/19/26 13:52

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)								
Surrogate: Dibromofluoromethane(S)	*101%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.3%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633)									
1	PFBA	2.9		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
2	PFPeA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
3	PFHxA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
4	PFHpA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
5	PFOA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
6	PFNA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
7	PFDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
8	PFUnA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
9	PFDoA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
10	PFTrDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
11	PFTeDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
12	PFBS	3.8		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
13	PFPeS	0.45		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
14	PFHxS	2.3		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
15	PFHpS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
16	PFOS	2.7		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
17	PFNS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
18	PFDS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
19	PFDoS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
20	4:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
21	6:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
22	8:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
23	PFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
24	NMeFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
25	NEtFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
26	NMeFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
27	NEtFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
28	NMeFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0079

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14I (Continued)
26F0277-10 (Ground Water) Sampled: 06/19/26 13:52

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)								
29 NEtFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0079
30 HFPO-DA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
31 ADONA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
32 PFEESA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
33 PFMPA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
34 PFMBA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
35 NFDHA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
36 9Cl-PF3ONS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
37 11Cl-PF3OUDS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
38 3:3FTCA	ND		2.0	ng/L	07/10/26	1	EPA 1633	BFG0079
39 5:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0079
40 7:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0079
Surrogate: 13C4-PFBA	*86%*		*5-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFPEA	*83%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFHXA	*83%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C4-PFHPA	*76%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOA	*84%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C9-PFNA	*92%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C6-PFDA	*82%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C7-PFUnA	*85%*		*30-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFDOA	*73%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFTEDA	*65%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFBS	*77%*		*40-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFHXS	*65%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOS	*66%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-4:2FTS	*111%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-6:2FTS	*93%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-8:2FTS	*85%*		*40-300*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOSA	*93%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSA	*49%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSA	*44%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSAA	*54%*		*40-170*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSAA	*54%*		*25-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D7-NMEFOSE	*61%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D9-NETFOSE	*60%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-HFPO-DA	*83%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals								

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14I (Continued)
26F0277-10 (Ground Water) Sampled: 06/19/26 13:52

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals (Continued)									
1	ARSENIC (AS)	1.5		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	BARIUM (BA)	8.3		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CADMIUM (CD)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CHROMIUM (CR)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	COPPER (CU)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	LEAD (PB)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	Mercury	ND		0.025	ug/L	06/26/26	1	EPA 7470A	BFF0454
1	SELENIUM (SE)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	SILVER (AG)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	ZINC (ZN)	5.3		5.0	ug/L	06/29/26	10	EPA 6020B	BFF0460

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14D

26F0277-11 (Ground Water) Sampled: 06/19/26 14:35

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	2	1,1,1-Trichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	5	1,1-Dichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	6	1,1-Dichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	13	1,2-Dichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	14	1,2-Dichloropropane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	18	2-Butanone	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	19	2-Chlorotoluene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	20	2-Hexanone	ND	V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	21	2-Methylnaphthalene	ND		10	ug/L	07/01/26	1	EPA 8260D	BFG0007
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	23	Acetone	ND	ICV+, V+	50	ug/L	07/01/26	1	EPA 8260D	BFG0007
	24	Acrylonitrile	ND		2.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	25	Benzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	26	Bromobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	27	Bromochloromethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	28	Bromodichloromethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	29	Bromoform (SIM)	ND	L+, V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	30	Bromomethane	ND	ICV+, V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	31	Carbon Disulfide	ND	V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	32	Carbon Tetrachloride	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14D (Continued)
26F0277-11 (Ground Water) Sampled: 06/19/26 14:35

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)										
	33	Chlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	34	Chloroethane	ND	V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	35	Chloroform	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	36	Chloromethane	ND	V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	37	cis-1,2-Dichloroethene	7.0		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	07/01/26	1	EPA 8260D	BFG0007
	39	Dibromochloromethane	ND	V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	40	Dibromomethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	42	Ethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	43	Ethylene Dibromide	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	44	Isopropylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	45	m&p-Xylene	ND		2.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	46	Methylene Chloride	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	47	MTBE	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	48	Naphthalene	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	49	n-Butylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	50	n-Propylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	52	sec-Butylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	53	Styrene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	54	tert-Butylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	55	Tetrachloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	56	Toluene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	07/01/26	1	EPA 8260D	BFG0007
	59	Trichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	60	Trichlorofluoromethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	61	Vinyl Chloride	1.5	V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	62	Xylenes	ND		3.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
Surrogate: 1,2-Dichloroethane-d4(S)			*98.2%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	
Surrogate: 4-Bromofluorobenzene(S)			*96.5%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14D (Continued)
26F0277-11 (Ground Water) Sampled: 06/19/26 14:35

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)								
Surrogate: Dibromofluoromethane(S)	*101%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.2%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633)									
1	PFBA	4.4		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
2	PFPeA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
3	PFHxA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
4	PFHpA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
5	PFOA	0.76		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
6	PFNA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
7	PFDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
8	PFUnA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
9	PFDoA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
10	PFTrDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
11	PFTeDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
12	PFBS	5.4		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
13	PFPeS	0.56		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
14	PFHxS	2.0		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
15	PFHpS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
16	PFOS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
17	PFNS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
18	PFDS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
19	PFDoS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
20	4:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
21	6:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
22	8:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
23	PFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
24	NMeFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
25	NEtFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
26	NMeFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
27	NEtFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
28	NMeFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0079

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14D (Continued)
26F0277-11 (Ground Water) Sampled: 06/19/26 14:35

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)								
29 NEtFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0079
30 HFPO-DA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
31 ADONA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
32 PFEESA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
33 PFMPA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
34 PFMBA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
35 NFDHA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
36 9Cl-PF3ONS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
37 11Cl-PF3OUDS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
38 3:3FTCA	ND		2.0	ng/L	07/10/26	1	EPA 1633	BFG0079
39 5:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0079
40 7:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0079
Surrogate: 13C4-PFBA	*99%*		*5-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFPEA	*105%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFHXA	*98%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C4-PFHPA	*93%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOA	*98%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C9-PFNA	*108%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C6-PFDA	*103%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C7-PFUnA	*102%*		*30-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFDOA	*92%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFTEDA	*89%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFBS	*100%*		*40-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFHXS	*94%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOS	*100%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-4:2FTS	*126%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-6:2FTS	*103%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-8:2FTS	*99%*		*40-300*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOSA	*91%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSA	*50%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSA	*47%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSAA	*75%*		*40-170*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSAA	*77%*		*25-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D7-NMEFOSE	*66%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D9-NETFOSE	*65%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-HFPO-DA	*99%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals								

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: MW-14D (Continued)
26F0277-11 (Ground Water) Sampled: 06/19/26 14:35

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals (Continued)									
1	ARSENIC (AS)	1.4		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	BARIUM (BA)	27		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CADMIUM (CD)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CHROMIUM (CR)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	COPPER (CU)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	LEAD (PB)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	Mercury	0.038		0.025	ug/L	06/26/26	1	EPA 7470A	BFF0454
1	SELENIUM (SE)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	SILVER (AG)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	ZINC (ZN)	ND		5.0	ug/L	06/29/26	10	EPA 6020B	BFF0460

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: DUP

26F0277-12 (Ground Water) Sampled: 06/19/26 00:00

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	2	1,1,1-Trichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	5	1,1-Dichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	6	1,1-Dichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	13	1,2-Dichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	14	1,2-Dichloropropane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	18	2-Butanone	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	19	2-Chlorotoluene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	20	2-Hexanone	ND	V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	21	2-Methylnaphthalene	ND		10	ug/L	07/01/26	1	EPA 8260D	BFG0007
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	23	Acetone	ND	ICV+, V+	50	ug/L	07/01/26	1	EPA 8260D	BFG0007
	24	Acrylonitrile	ND		2.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	25	Benzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	26	Bromobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	27	Bromochloromethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	28	Bromodichloromethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	29	Bromoform (SIM)	ND	L+, V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	30	Bromomethane	ND	ICV+, V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	31	Carbon Disulfide	ND	V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	32	Carbon Tetrachloride	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: DUP (Continued)
26F0277-12 (Ground Water) Sampled: 06/19/26 00:00

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)										
	33	Chlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	34	Chloroethane	ND	V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	35	Chloroform	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	36	Chloromethane	ND	V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	37	cis-1,2-Dichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	07/01/26	1	EPA 8260D	BFG0007
	39	Dibromochloromethane	ND	V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	40	Dibromomethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	42	Ethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	43	Ethylene Dibromide	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	44	Isopropylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	45	m&p-Xylene	ND		2.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	46	Methylene Chloride	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	47	MTBE	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	48	Naphthalene	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	49	n-Butylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	50	n-Propylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	52	sec-Butylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	53	Styrene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	54	tert-Butylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	55	Tetrachloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	56	Toluene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	07/01/26	1	EPA 8260D	BFG0007
	59	Trichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	60	Trichlorofluoromethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	61	Vinyl Chloride	ND	V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	62	Xylenes	ND		3.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
Surrogate: 1,2-Dichloroethane-d4(S)			*98.2%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	
Surrogate: 4-Bromofluorobenzene(S)			*95.7%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: DUP (Continued)
26F0277-12 (Ground Water) Sampled: 06/19/26 00:00

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)								
Surrogate: Dibromofluoromethane(S)	*100%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.6%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633)									
1	PFBA	3.3		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
2	PFPeA	3.8		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
3	PFHxA	5.2		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
4	PFHpA	1.7		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
5	PFOA	5.6		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
6	PFNA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
7	PFDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
8	PFUnA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
9	PFDoA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
10	PFTrDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
11	PFTeDA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
12	PFBS	7.1		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
13	PFPeS	0.51		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
14	PFHxS	2.7		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
15	PFHpS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
16	PFOS	0.60		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
17	PFNS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
18	PFDS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
19	PFDoS	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
20	4:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
21	6:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
22	8:2FTS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
23	PFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
24	NMeFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
25	NEtFOSA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
26	NMeFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
27	NEtFOSAA	ND		0.40	ng/L	07/10/26	1	EPA 1633	BFG0079
28	NMeFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0079

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: DUP (Continued)
26F0277-12 (Ground Water) Sampled: 06/19/26 00:00

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)								
29 NEtFOSE	ND		4.0	ng/L	07/10/26	1	EPA 1633	BFG0079
30 HFPO-DA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
31 ADONA	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
32 PFEESA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
33 PFMPA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
34 PFMBA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
35 NFDHA	ND		0.80	ng/L	07/10/26	1	EPA 1633	BFG0079
36 9Cl-PF3ONS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
37 11Cl-PF3OUDS	ND		1.6	ng/L	07/10/26	1	EPA 1633	BFG0079
38 3:3FTCA	ND		2.0	ng/L	07/10/26	1	EPA 1633	BFG0079
39 5:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0079
40 7:3FTCA	ND		10	ng/L	07/10/26	1	EPA 1633	BFG0079
Surrogate: 13C4-PFBA	*88%*		*5-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFPEA	*83%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C5-PFHXA	*82%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C4-PFHPA	*81%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOA	*83%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C9-PFNA	*99%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C6-PFDA	*86%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C7-PFUnA	*89%*		*30-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFDOA	*81%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-PFTEDA	*74%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFBS	*85%*		*40-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-PFHXS	*75%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOS	*76%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-4:2FTS	*104%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-6:2FTS	*96%*		*40-200*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C2-8:2FTS	*95%*		*40-300*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C8-PFOSA	*85%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSA	*52%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSA	*48%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D3-NMEFOSAA	*80%*		*40-170*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D5-NETFOSAA	*91%*		*25-135*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D7-NMEFOSE	*64%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: D9-NETFOSE	*62%*		*10-130*		*07/10/26*	*1*	*EPA 1633*	
Surrogate: 13C3-HFPO-DA	*83%*		*40-130*		*07/10/26*	*1*	*EPA 1633*	

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals								

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: DUP (Continued)
26F0277-12 (Ground Water) Sampled: 06/19/26 00:00

	Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Metals (Continued)									
1	ARSENIC (AS)	ND		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	BARIUM (BA)	1.2		1.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CADMIUM (CD)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	CHROMIUM (CR)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	COPPER (CU)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	LEAD (PB)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	Mercury	0.026		0.025	ug/L	06/26/26	1	EPA 7470A	BFF0454
1	SELENIUM (SE)	ND		2.0	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	SILVER (AG)	ND		0.20	ug/L	06/29/26	10	EPA 6020B	BFF0460
1	ZINC (ZN)	6.2		5.0	ug/L	06/29/26	10	EPA 6020B	BFF0460

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: TB007090

26F0277-13 (Water) Sampled: 06/18/26 00:00

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	1	1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	2	1,1,1-Trichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	3	1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	4	1,1,2-Trichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	5	1,1-Dichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	6	1,1-Dichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	7	1,2,3-Trichloropropane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	8	1,2,3-Trimethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	9	1,2,4-Trichlorobenzene	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	10	1,2,4-Trimethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	11	1,2-Dibromo-3-chloropropane (SIM)	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	12	1,2-Dichlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	13	1,2-Dichloroethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	14	1,2-Dichloropropane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	15	1,3,5-Trimethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	16	1,3-Dichlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	17	1,4-Dichlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	18	2-Butanone	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	19	2-Chlorotoluene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	20	2-Hexanone	ND	V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	21	2-Methylnaphthalene	ND		10	ug/L	07/01/26	1	EPA 8260D	BFG0007
	22	4-Methyl-2-pentanone	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	23	Acetone	ND	ICV+, V+	50	ug/L	07/01/26	1	EPA 8260D	BFG0007
	24	Acrylonitrile	ND		2.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	25	Benzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	26	Bromobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	27	Bromochloromethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	28	Bromodichloromethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	29	Bromoform (SIM)	ND	L+, V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	30	Bromomethane	ND	ICV+, V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	31	Carbon Disulfide	ND	V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	32	Carbon Tetrachloride	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: TB007090 (Continued)
26F0277-13 (Water) Sampled: 06/18/26 00:00

Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)

		Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
	33	Chlorobenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	34	Chloroethane	ND	V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	35	Chloroform	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	36	Chloromethane	ND	V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	37	cis-1,2-Dichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	38	cis-1,3-Dichloropropene	ND		0.50	ug/L	07/01/26	1	EPA 8260D	BFG0007
	39	Dibromochloromethane	ND	V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	40	Dibromomethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	41	Dichlorodifluoromethane	ND	ICV+, V+	5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	42	Ethylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	43	Ethylene Dibromide	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	44	Isopropylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	45	m&p-Xylene	ND		2.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	46	Methylene Chloride	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	47	MTBE	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	48	Naphthalene	ND		5.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	49	n-Butylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	50	n-Propylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
‡	51	o-Xylene	ND	L+, V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	52	sec-Butylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	53	Styrene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	54	tert-Butylbenzene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	55	Tetrachloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	56	Toluene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	57	trans-1,2-Dichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	58	trans-1,3-Dichloropropene	ND		0.50	ug/L	07/01/26	1	EPA 8260D	BFG0007
	59	Trichloroethene	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	60	Trichlorofluoromethane	ND		1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	61	Vinyl Chloride	ND	V+	1.0	ug/L	07/01/26	1	EPA 8260D	BFG0007
	62	Xylenes	ND		3.0	ug/L	07/01/26	1	EPA 8260D	BFG0007

Surrogate: 1,2-Dichloroethane-d4(S)	*96.7%*	*80-120*	*07/01/26*	*1*	*EPA 8260D*
Surrogate: 4-Bromofluorobenzene(S)	*95.7%*	*80-120*	*07/01/26*	*1*	*EPA 8260D*

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Sample Results
(Continued)

Sample: TB007090 (Continued)
26F0277-13 (Water) Sampled: 06/18/26 00:00

Analyte	Result	/Qual	PQL	Units	Date Analyzed	DF	Method	Prep Batch
Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)								
Surrogate: Dibromofluoromethane(S)	*101%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	
Surrogate: Toluene-d8(S)	*98.6%*		*80-120*		*07/01/26*	*1*	*EPA 8260D*	

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

PREPARATION BATCH SUMMARY

EPA 8260D

Laboratory: Metiri Group - Holt

Client: Michigan Consulting and Environmental

Batch: BFF0446 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT mL	FINAL VOL. mL
MW-3S	26F0277-01	06/26/26 07:50	42.0000	42.00
MW-3D	26F0277-02	06/26/26 08:19	42.0000	42.00
MW-6	26F0277-03	06/26/26 08:47	42.0000	42.00
MW-7	26F0277-04	06/26/26 09:16	42.0000	42.00
MW-9	26F0277-05	06/26/26 09:45	42.0000	42.00
MW-11S	26F0277-06	06/26/26 10:14	42.0000	42.00
MW-11D	26F0277-07	06/26/26 10:43	42.0000	42.00
MW-13	26F0277-08	06/26/26 11:11	42.0000	42.00
MW-14S	26F0277-09	06/26/26 11:40	42.0000	42.00
Blank	BFF0446-BLK1	06/26/26 05:26	42.0000	42.00
LCS	BFF0446-BS1	06/26/26 03:32	100.0000	100.00
LCS Dup	BFF0446-BSD1	06/26/26 04:00	100.0000	100.00

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

PREPARATION BATCH SUMMARY

EPA 7470A

Laboratory: Metiri Group - Holt

Client: Michigan Consulting and Environmental

Batch: BFF0454 Batch Matrix: Water Preparation: EPA 7470A/EPA 245.1

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT mL	FINAL VOL. mL
MW-3S	26F0277-01	06/26/26 08:02	40.0000	40.00
MW-3D	26F0277-02	06/26/26 08:02	40.0000	40.00
MW-6	26F0277-03	06/26/26 08:02	40.0000	40.00
MW-7	26F0277-04	06/26/26 08:02	40.0000	40.00
MW-9	26F0277-05	06/26/26 08:02	40.0000	40.00
MW-11S	26F0277-06	06/26/26 08:02	40.0000	40.00
MW-11D	26F0277-07	06/26/26 08:02	40.0000	40.00
MW-13	26F0277-08	06/26/26 08:02	40.0000	40.00
MW-14S	26F0277-09	06/26/26 08:02	40.0000	40.00
MW-14I	26F0277-10	06/26/26 08:02	40.0000	40.00
MW-14D	26F0277-11	06/26/26 08:02	40.0000	40.00
DUP	26F0277-12	06/26/26 08:02	40.0000	40.00
Blank	BFF0454-BLK1	06/26/26 08:02	40.0000	40.00
LCS	BFF0454-BS1	06/26/26 08:02	40.0000	40.00

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

PREPARATION BATCH SUMMARY

EPA 6020B

Laboratory: Metiri Group - Holt

Client: Michigan Consulting and Environmental

Batch: BFF0460 Batch Matrix: Water Preparation: EPA 200.2

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT mL	FINAL VOL. mL
MW-3S	26F0277-01	06/26/26 10:42	50.0000	50.00
MW-3S	26F0277-01	06/26/26 10:42	50.0000	50.00
MW-3D	26F0277-02	06/26/26 10:42	50.0000	50.00
MW-3D	26F0277-02	06/26/26 10:42	50.0000	50.00
MW-6	26F0277-03	06/26/26 10:42	50.0000	50.00
MW-6	26F0277-03	06/26/26 10:42	50.0000	50.00
MW-7	26F0277-04	06/26/26 10:42	50.0000	50.00
MW-7	26F0277-04	06/26/26 10:42	50.0000	50.00
MW-9	26F0277-05	06/26/26 10:42	50.0000	50.00
MW-9	26F0277-05	06/26/26 10:42	50.0000	50.00
MW-11S	26F0277-06	06/26/26 10:42	50.0000	50.00
MW-11S	26F0277-06	06/26/26 10:42	50.0000	50.00
MW-11D	26F0277-07	06/26/26 10:42	50.0000	50.00
MW-11D	26F0277-07	06/26/26 10:42	50.0000	50.00
MW-13	26F0277-08	06/26/26 10:42	50.0000	50.00
MW-13	26F0277-08	06/26/26 10:42	50.0000	50.00
MW-14S	26F0277-09	06/26/26 10:42	50.0000	50.00
MW-14S	26F0277-09	06/26/26 10:42	50.0000	50.00
MW-14I	26F0277-10	06/26/26 10:42	50.0000	50.00
MW-14I	26F0277-10	06/26/26 10:42	50.0000	50.00
MW-14D	26F0277-11	06/26/26 10:42	50.0000	50.00
MW-14D	26F0277-11	06/26/26 10:42	50.0000	50.00
DUP	26F0277-12	06/26/26 10:42	50.0000	50.00
DUP	26F0277-12	06/26/26 10:42	50.0000	50.00
Blank	BFF0460-BLK1	06/26/26 10:42	50.0000	50.00
Blank	BFF0460-BLK1	06/26/26 10:42	50.0000	50.00
LCS	BFF0460-BS1	06/26/26 10:42	50.0000	50.00

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

PREPARATION BATCH SUMMARY

EPA 6020B

Laboratory: Metiri Group - Holt

Client: Michigan Consulting and Environmental

Batch: BFF0460 Batch Matrix: Water Preparation: EPA 200.2

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT mL	FINAL VOL. mL
LCS	BFF0460-BS1	06/26/26 10:42	50.0000	50.00
MW-3S	BFF0460-MS1	06/26/26 10:42	50.0000	50.00
MW-3S	BFF0460-MS1	06/26/26 10:42	50.0000	50.00
MW-3S	BFF0460-MSD1	06/26/26 10:42	50.0000	50.00
MW-3S	BFF0460-MSD1	06/26/26 10:42	50.0000	50.00

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

PREPARATION BATCH SUMMARY

EPA 8260D

Laboratory: Metiri Group - Holt

Client: Michigan Consulting and Environmental

Batch: BFG0007 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT mL	FINAL VOL. mL
MW-14I	26F0277-10	07/01/26 17:28	42.0000	42.00
MW-14D	26F0277-11	07/01/26 17:57	42.0000	42.00
DUP	26F0277-12	07/01/26 18:26	42.0000	42.00
TB007090	26F0277-13	07/01/26 16:30	42.0000	42.00
Blank	BFG0007-BLK1	07/01/26 15:04	42.0000	42.00
LCS	BFG0007-BS1	07/01/26 13:10	100.0000	100.00
LCS Dup	BFG0007-BSD1	07/01/26 13:38	100.0000	100.00

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

PREPARATION BATCH SUMMARY

EPA 1633

Laboratory: Metiri Group - Holt

Client: Michigan Consulting and Environmental

Batch: BFG0062 Batch Matrix: Water Preparation: 537M

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT mL	FINAL VOL. mL
MW-3S	26F0277-01	07/06/26 10:52	500.0000	2.00
MW-3D	26F0277-02	07/06/26 10:52	500.0000	2.00
MW-6	26F0277-03	07/06/26 10:52	500.0000	2.00
MW-7	26F0277-04	07/06/26 10:52	500.0000	2.00
MW-9	26F0277-05	07/06/26 10:52	500.0000	2.00
MW-11S	26F0277-06	07/06/26 10:52	500.0000	2.00
Blank	BFG0062-BLK1	07/06/26 10:52	500.0000	2.00
LCS	BFG0062-BS1	07/06/26 10:52	500.0000	2.00
LCS Dup	BFG0062-BSD1	07/06/26 10:52	500.0000	2.00
MW-9	BFG0062-DUP1	07/06/26 10:52	506.9000	2.00
MRL Check	BFG0062-MRL1	07/06/26 10:52	500.0000	2.00

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

PREPARATION BATCH SUMMARY

EPA 1633

Laboratory: Metiri Group - Holt

Client: Michigan Consulting and Environmental

Batch: BFG0079 Batch Matrix: Water Preparation: EPA 1633

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT mL	FINAL VOL. mL
MW-11D	26F0277-07	07/07/26 08:32	500.0000	2.00
MW-13	26F0277-08	07/07/26 08:32	500.0000	2.00
MW-14S	26F0277-09	07/07/26 08:32	500.0000	2.00
MW-14I	26F0277-10	07/07/26 08:32	500.0000	2.00
MW-14D	26F0277-11	07/07/26 08:32	500.0000	2.00
DUP	26F0277-12	07/07/26 08:32	500.0000	2.00
Blank	BFG0079-BLK1	07/07/26 08:32	500.0000	2.00
LCS	BFG0079-BS1	07/07/26 08:32	500.0000	2.00
LCS Dup	BFG0079-BSD1	07/07/26 08:32	500.0000	2.00
MRL Check	BFG0079-MRL1	07/07/26 08:32	500.0000	2.00

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control

Volatile Organic Compounds (VOCs) by GC/MS, 5030C

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Method: EPA 8260D									
Batch: BFF0446 - EPA 5030B									
Blank (BFF0446-BLK1)				Prepared & Analyzed: 06/26/26 05:26					
1 1,1,1,2-Tetrachloroethane	ND	1.0	ug/L						
2 1,1,1-Trichloroethane	ND	1.0	ug/L						
3 1,1,2,2-Tetrachloroethane	ND	1.0	ug/L						
4 1,1,2-Trichloroethane	ND	1.0	ug/L						
5 1,1-Dichloroethane	ND	1.0	ug/L						
6 1,1-Dichloroethene	ND	1.0	ug/L						
7 1,2,3-Trichloropropane	ND	1.0	ug/L						
8 1,2,3-Trimethylbenzene	ND	1.0	ug/L						
9 1,2,4-Trichlorobenzene	ND	5.0	ug/L						
10 1,2,4-Trimethylbenzene	ND	1.0	ug/L						
11 1,2-Dibromo-3-chloropropane (SIM)	ND	1.0	ug/L						
12 1,2-Dichlorobenzene	ND	1.0	ug/L						
13 1,2-Dichloroethane	ND	1.0	ug/L						
14 1,2-Dichloropropane	ND	1.0	ug/L						
15 1,3,5-Trimethylbenzene	ND	1.0	ug/L						
16 1,3-Dichlorobenzene	ND	1.0	ug/L						
17 1,4-Dichlorobenzene	ND	1.0	ug/L						
18 2-Butanone	ND	5.0	ug/L						
19 2-Chlorotoluene	ND	1.0	ug/L						
20 2-Hexanone	ND	5.0	ug/L						
21 2-Methylnaphthalene	ND	10	ug/L						
22 4-Methyl-2-pentanone	ND	5.0	ug/L						
23 Acetone	ND ICV+	50	ug/L						
24 Acrylonitrile	ND	2.0	ug/L						
25 Benzene	ND	1.0	ug/L						
26 Bromobenzene	ND	1.0	ug/L						
27 Bromochloromethane	ND	1.0	ug/L						
28 Bromodichloromethane	ND	1.0	ug/L						
29 Bromoform (SIM)	ND	1.0	ug/L						
30 Bromomethane	ND ICV+	5.0	ug/L						
31 Carbon Disulfide	ND	1.0	ug/L						
32 Carbon Tetrachloride	ND	1.0	ug/L						
33 Chlorobenzene	ND	1.0	ug/L						
34 Chloroethane	ND	5.0	ug/L						
35 Chloroform	ND	1.0	ug/L						
36 Chloromethane	ND	5.0	ug/L						
37 cis-1,2-Dichloroethene	ND	1.0	ug/L						
38 cis-1,3-Dichloropropene	ND	0.50	ug/L						
39 Dibromochloromethane	ND	1.0	ug/L						
40 Dibromomethane	ND	1.0	ug/L						
41 Dichlorodifluoromethane	ND ICV+	5.0	ug/L						

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (BFF0446-BLK1)				Prepared & Analyzed: 06/26/26 05:26					
42 Ethylbenzene	ND	1.0	ug/L						
43 Ethylene Dibromide	ND	1.0	ug/L						
44 Isopropylbenzene	ND	1.0	ug/L						
45 m&p-Xylene	ND	2.0	ug/L						
46 Methylene Chloride	ND	5.0	ug/L						
47 MTBE	ND	1.0	ug/L						
48 Naphthalene	ND	5.0	ug/L						
49 n-Butylbenzene	ND	1.0	ug/L						
50 n-Propylbenzene	ND	1.0	ug/L						
51 o-Xylene	ND	1.0	ug/L						
52 sec-Butylbenzene	ND	1.0	ug/L						
53 Styrene	ND	1.0	ug/L						
54 tert-Butylbenzene	ND	1.0	ug/L						
55 Tetrachloroethene	ND	1.0	ug/L						
56 Toluene	ND	1.0	ug/L						
57 trans-1,2-Dichloroethene	ND	1.0	ug/L						
58 trans-1,3-Dichloropropene	ND	0.50	ug/L						
59 Trichloroethene	ND	1.0	ug/L						
60 Trichlorofluoromethane	ND	1.0	ug/L						
61 Vinyl Chloride	ND	1.0	ug/L						
62 Xylenes	ND	3.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4(S)	*50*		*ug/L*	*50.0*		*99.6*	*80-120*		
Surrogate: 4-Bromofluorobenzene(S)	*54*		*ug/L*	*50.0*		*109*	*80-120*		
Surrogate: Dibromofluoromethane(S)	*50*		*ug/L*	*50.0*		*99.2*	*80-120*		
Surrogate: Toluene-d8(S)	*49*		*ug/L*	*50.0*		*97.9*	*80-120*		
LCS (BFF0446-BS1)				Prepared & Analyzed: 06/26/26 03:32					
1 1,1,1,2-Tetrachloroethane	52	1.0	ug/L	50.0		104	80-130		
2 1,1,1-Trichloroethane	49	1.0	ug/L	50.0		97.6	70-130		
3 1,1,2,2-Tetrachloroethane	53	1.0	ug/L	50.0		106	70-130		
4 1,1,2-Trichloroethane	51	1.0	ug/L	50.0		101	75-125		
5 1,1-Dichloroethane	49	1.0	ug/L	50.0		97.8	70-130		
6 1,1-Dichloroethene	48	1.0	ug/L	50.0		96.1	78-128		
7 1,2,3-Trichloropropane	52	1.0	ug/L	50.0		103	75-125		
8 1,2,3-Trimethylbenzene	47	1.0	ug/L	50.0		93.2	70-130		
9 1,2,4-Trichlorobenzene	45	5.0	ug/L	50.0		89.7	70-130		
10 1,2,4-Trimethylbenzene	46	1.0	ug/L	50.0		92.9	75-130		
11 1,2-Dibromo-3-chloropropane (SIM)	47	1.0	ug/L	50.0		93.9	70-130		
12 1,2-Dichlorobenzene	48	1.0	ug/L	50.0		96.1	70-120		
13 1,2-Dichloroethane	51	1.0	ug/L	50.0		101	70-130		
14 1,2-Dichloropropane	48	1.0	ug/L	50.0		96.7	80-121		
15 1,3,5-Trimethylbenzene	46	1.0	ug/L	50.0		92.5	75-130		
16 1,3-Dichlorobenzene	48	1.0	ug/L	50.0		95.1	75-125		

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)

Analyte	Result	Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BFF0446-BS1)					Prepared & Analyzed: 06/26/26 03:32					
17 1,4-Dichlorobenzene	46		1.0	ug/L	50.0		92.6	75-125		
18 2-Butanone	46		5.0	ug/L	50.0		92.0	70-148		
19 2-Chlorotoluene	48		1.0	ug/L	50.0		96.8	75-125		
20 2-Hexanone	52		5.0	ug/L	50.0		104	70-130		
21 2-Methylnaphthalene	44		10	ug/L	50.0		87.4	70-130		
22 4-Methyl-2-pentanone	53		5.0	ug/L	50.0		107	70-130		
23 Acetone	52	ICV+	50	ug/L	50.0		104	54-140		
24 Acrylonitrile	49		2.0	ug/L	50.0		98.9	70-130		
25 Benzene	50		1.0	ug/L	50.0		100	80-120		
26 Bromobenzene	48		1.0	ug/L	50.0		95.0	75-125		
27 Bromochloromethane	51		1.0	ug/L	50.0		102	70-130		
28 Bromodichloromethane	54		1.0	ug/L	50.0		108	75-125		
29 Bromoform (SIM)	51		1.0	ug/L	50.0		103	70-130		
30 Bromomethane	58	ICV+	5.0	ug/L	50.0		116	68-135		
31 Carbon Disulfide	55		1.0	ug/L	50.0		110	70-130		
32 Carbon Tetrachloride	51		1.0	ug/L	50.0		102	70-130		
33 Chlorobenzene	49		1.0	ug/L	50.0		98.3	80-120		
34 Chloroethane	46		5.0	ug/L	50.0		92.3	61-130		
35 Chloroform	48		1.0	ug/L	50.0		95.4	80-120		
36 Chloromethane	57		5.0	ug/L	50.0		114	67-125		
37 cis-1,2-Dichloroethene	48		1.0	ug/L	50.0		97.0	70-125		
38 cis-1,3-Dichloropropene	52		0.50	ug/L	50.0		103	70-130		
39 Dibromochloromethane	54		1.0	ug/L	50.0		107	70-130		
40 Dibromomethane	53		1.0	ug/L	50.0		105	75-125		
41 Dichlorodifluoromethane	54	ICV+	5.0	ug/L	50.0		109	70-136		
42 Ethylbenzene	48		1.0	ug/L	50.0		96.2	80-120		
43 Ethylene Dibromide	51		1.0	ug/L	50.0		102	80-120		
44 Isopropylbenzene	47		1.0	ug/L	50.0		94.2	75-125		
45 m&p-Xylene	97		2.0	ug/L	100		97.4	75-130		
46 Methylene Chloride	53		5.0	ug/L	50.0		106	70-130		
47 MTBE	48		1.0	ug/L	50.0		96.3	70-125		
48 Naphthalene	45		5.0	ug/L	50.0		90.5	70-130		
49 n-Butylbenzene	46		1.0	ug/L	50.0		91.1	70-133		
50 n-Propylbenzene	48		1.0	ug/L	50.0		96.3	70-130		
51 o-Xylene	61	L+	1.0	ug/L	50.0		123	80-120		
52 sec-Butylbenzene	47		1.0	ug/L	50.0		95.0	70-125		
53 Styrene	50		1.0	ug/L	50.0		101	70-130		
54 tert-Butylbenzene	47		1.0	ug/L	50.0		94.0	70-130		
55 Tetrachloroethene	43		1.0	ug/L	50.0		86.5	70-130		
56 Toluene	48		1.0	ug/L	50.0		96.8	80-120		
57 trans-1,2-Dichloroethene	48		1.0	ug/L	50.0		95.1	70-130		
58 trans-1,3-Dichloropropene	52		0.50	ug/L	50.0		104	70-132		
59 Trichloroethene	48		1.0	ug/L	50.0		97.0	71-125		
60 Trichlorofluoromethane	41		1.0	ug/L	50.0		81.7	70-133		

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BFF0446-BS1)				Prepared & Analyzed: 06/26/26 03:32					
61 Vinyl Chloride	55	1.0	ug/L	50.0		111	74-125		
Surrogate: 1,2-Dichloroethane-d4(S)	*49*		*ug/L*	*50.0*		*97.4*	*80-120*		
Surrogate: 4-Bromofluorobenzene(S)	*54*		*ug/L*	*50.0*		*108*	*80-120*		
Surrogate: Dibromofluoromethane(S)	*48*		*ug/L*	*50.0*		*96.5*	*80-120*		
Surrogate: Toluene-d8(S)	*49*		*ug/L*	*50.0*		*98.6*	*80-120*		
LCS Dup (BFF0446-BSD1)				Prepared & Analyzed: 06/26/26 04:00					
1 1,1,1,2-Tetrachloroethane	50	1.0	ug/L	50.0		100	80-130	3.22	20
2 1,1,1-Trichloroethane	47	1.0	ug/L	50.0		94.0	70-130	3.74	20
3 1,1,2,2-Tetrachloroethane	50	1.0	ug/L	50.0		99.4	70-130	6.20	20
4 1,1,2-Trichloroethane	49	1.0	ug/L	50.0		97.1	75-125	3.98	20
5 1,1-Dichloroethane	47	1.0	ug/L	50.0		94.9	70-130	3.05	20
6 1,1-Dichloroethene	46	1.0	ug/L	50.0		91.5	78-128	4.84	20
7 1,2,3-Trichloropropane	51	1.0	ug/L	50.0		102	75-125	0.623	20
8 1,2,3-Trimethylbenzene	45	1.0	ug/L	50.0		89.6	70-130	3.92	20
9 1,2,4-Trichlorobenzene	43	5.0	ug/L	50.0		85.5	70-130	4.77	20
10 1,2,4-Trimethylbenzene	45	1.0	ug/L	50.0		89.4	75-130	3.86	20
11 1,2-Dibromo-3-chloropropane (SIM)	52	1.0	ug/L	50.0		104	70-130	10.6	20
12 1,2-Dichlorobenzene	46	1.0	ug/L	50.0		92.7	70-120	3.58	20
13 1,2-Dichloroethane	49	1.0	ug/L	50.0		98.1	70-130	2.91	20
14 1,2-Dichloropropane	47	1.0	ug/L	50.0		94.0	80-121	2.89	20
15 1,3,5-Trimethylbenzene	42	1.0	ug/L	50.0		84.1	75-130	9.49	20
16 1,3-Dichlorobenzene	46	1.0	ug/L	50.0		91.0	75-125	4.36	20
17 1,4-Dichlorobenzene	44	1.0	ug/L	50.0		88.4	75-125	4.55	20
18 2-Butanone	45	5.0	ug/L	50.0		90.6	70-148	1.51	20
19 2-Chlorotoluene	46	1.0	ug/L	50.0		92.3	75-125	4.78	20
20 2-Hexanone	51	5.0	ug/L	50.0		102	70-130	1.83	20
21 2-Methylnaphthalene	42	10	ug/L	50.0		83.5	70-130	4.61	20
22 4-Methyl-2-pentanone	53	5.0	ug/L	50.0		105	70-130	1.40	20
23 Acetone	53 ICV+	50	ug/L	50.0		106	54-140	1.37	20
24 Acrylonitrile	48	2.0	ug/L	50.0		95.8	70-130	3.16	20
25 Benzene	48	1.0	ug/L	50.0		96.3	80-120	3.99	20
26 Bromobenzene	46	1.0	ug/L	50.0		92.3	75-125	2.86	20
27 Bromochloromethane	50	1.0	ug/L	50.0		99.7	70-130	2.32	20
28 Bromodichloromethane	52	1.0	ug/L	50.0		103	75-125	4.26	20
29 Bromoform (SIM)	58	1.0	ug/L	50.0		116	70-130	12.3	20
30 Bromomethane	56 ICV+	5.0	ug/L	50.0		113	68-135	2.98	20
31 Carbon Disulfide	52	1.0	ug/L	50.0		104	70-130	5.66	20
32 Carbon Tetrachloride	48	1.0	ug/L	50.0		96.5	70-130	5.40	20
33 Chlorobenzene	47	1.0	ug/L	50.0		94.8	80-120	3.65	20
34 Chloroethane	43	5.0	ug/L	50.0		86.4	61-130	6.60	20
35 Chloroform	46	1.0	ug/L	50.0		92.3	80-120	3.32	20
36 Chloromethane	55	5.0	ug/L	50.0		110	67-125	3.34	20

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS Dup (BFF0446-BSD1)				Prepared & Analyzed: 06/26/26 04:00					
37 cis-1,2-Dichloroethene	47	1.0	ug/L	50.0		94.8	70-125	2.23	20
38 cis-1,3-Dichloropropene	50	0.50	ug/L	50.0		99.5	70-130	3.69	20
39 Dibromochloromethane	52	1.0	ug/L	50.0		105	70-130	2.30	20
40 Dibromomethane	50	1.0	ug/L	50.0		100	75-125	4.79	20
41 Dichlorodifluoromethane	53 ICV+	5.0	ug/L	50.0		105	70-136	3.24	20
42 Ethylbenzene	46	1.0	ug/L	50.0		92.7	80-120	3.66	20
43 Ethylene Dibromide	50	1.0	ug/L	50.0		101	80-120	1.34	20
44 Isopropylbenzene	45	1.0	ug/L	50.0		89.4	75-125	5.21	20
45 m&p-Xylene	92	2.0	ug/L	100		92.4	75-130	5.25	20
46 Methylene Chloride	51	5.0	ug/L	50.0		102	70-130	3.82	20
47 MTBE	47	1.0	ug/L	50.0		94.6	70-125	1.74	20
48 Naphthalene	44	5.0	ug/L	50.0		87.6	70-130	3.26	20
49 n-Butylbenzene	43	1.0	ug/L	50.0		85.9	70-133	5.88	20
50 n-Propylbenzene	46	1.0	ug/L	50.0		92.1	70-130	4.54	20
51 o-Xylene	52	1.0	ug/L	50.0		104	80-120	16.7	20
52 sec-Butylbenzene	43	1.0	ug/L	50.0		86.5	70-125	9.35	20
53 Styrene	49	1.0	ug/L	50.0		98.5	70-130	2.41	20
54 tert-Butylbenzene	45	1.0	ug/L	50.0		89.7	70-130	4.72	20
55 Tetrachloroethene	40	1.0	ug/L	50.0		80.7	70-130	6.94	20
56 Toluene	47	1.0	ug/L	50.0		93.1	80-120	3.85	20
57 trans-1,2-Dichloroethene	46	1.0	ug/L	50.0		91.4	70-130	3.95	20
58 trans-1,3-Dichloropropene	50	0.50	ug/L	50.0		100	70-132	4.05	20
59 Trichloroethene	46	1.0	ug/L	50.0		92.0	71-125	5.29	20
60 Trichlorofluoromethane	37	1.0	ug/L	50.0		73.6	70-133	10.5	20
61 Vinyl Chloride	54	1.0	ug/L	50.0		108	74-125	2.63	20
Surrogate: 1,2-Dichloroethane-d4(S)	*48*		*ug/L*	*50.0*		*95.0*	*80-120*		
Surrogate: 4-Bromofluorobenzene(S)	*49*		*ug/L*	*50.0*		*98.1*	*80-120*		
Surrogate: Dibromofluoromethane(S)	*48*		*ug/L*	*50.0*		*96.9*	*80-120*		
Surrogate: Toluene-d8(S)	*49*		*ug/L*	*50.0*		*98.1*	*80-120*		

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Method: EPA 8260D									
Batch: BFG0007 - EPA 5030B									
Blank (BFG0007-BLK1)				Prepared & Analyzed: 07/01/26 15:04					
1 1,1,1,2-Tetrachloroethane	ND	1.0	ug/L						
2 1,1,1-Trichloroethane	ND	1.0	ug/L						
3 1,1,2,2-Tetrachloroethane	ND	1.0	ug/L						
4 1,1,2-Trichloroethane	ND	1.0	ug/L						
5 1,1-Dichloroethane	ND	1.0	ug/L						
6 1,1-Dichloroethene	ND	1.0	ug/L						
7 1,2,3-Trichloropropane	ND	1.0	ug/L						
8 1,2,3-Trimethylbenzene	ND	1.0	ug/L						
9 1,2,4-Trichlorobenzene	ND	5.0	ug/L						
10 1,2,4-Trimethylbenzene	ND	1.0	ug/L						
11 1,2-Dibromo-3-chloropropane (SIM)	ND	1.0	ug/L						
12 1,2-Dichlorobenzene	ND	1.0	ug/L						
13 1,2-Dichloroethane	ND	1.0	ug/L						
14 1,2-Dichloropropane	ND	1.0	ug/L						
15 1,3,5-Trimethylbenzene	ND	1.0	ug/L						
16 1,3-Dichlorobenzene	ND	1.0	ug/L						
17 1,4-Dichlorobenzene	ND	1.0	ug/L						
18 2-Butanone	ND	5.0	ug/L						
19 2-Chlorotoluene	ND	1.0	ug/L						
20 2-Hexanone	ND	5.0	ug/L						
21 2-Methylnaphthalene	ND	10	ug/L						
22 4-Methyl-2-pentanone	ND	5.0	ug/L						
23 Acetone	ND ICV+	50	ug/L						
24 Acrylonitrile	ND	2.0	ug/L						
25 Benzene	ND	1.0	ug/L						
26 Bromobenzene	ND	1.0	ug/L						
27 Bromochloromethane	ND	1.0	ug/L						
28 Bromodichloromethane	ND	1.0	ug/L						
29 Bromoform (SIM)	ND	1.0	ug/L						
30 Bromomethane	ND ICV+	5.0	ug/L						
31 Carbon Disulfide	ND	1.0	ug/L						
32 Carbon Tetrachloride	ND	1.0	ug/L						
33 Chlorobenzene	ND	1.0	ug/L						
34 Chloroethane	ND	5.0	ug/L						
35 Chloroform	ND	1.0	ug/L						
36 Chloromethane	ND	5.0	ug/L						
37 cis-1,2-Dichloroethene	ND	1.0	ug/L						
38 cis-1,3-Dichloropropene	ND	0.50	ug/L						
39 Dibromochloromethane	ND	1.0	ug/L						
40 Dibromomethane	ND	1.0	ug/L						
41 Dichlorodifluoromethane	ND ICV+	5.0	ug/L						

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (BFG0007-BLK1)				Prepared & Analyzed: 07/01/26 15:04					
42 Ethylbenzene	ND	1.0	ug/L						
43 Ethylene Dibromide	ND	1.0	ug/L						
44 Isopropylbenzene	ND	1.0	ug/L						
45 m&p-Xylene	ND	2.0	ug/L						
46 Methylene Chloride	ND	5.0	ug/L						
47 MTBE	ND	1.0	ug/L						
48 Naphthalene	ND	5.0	ug/L						
49 n-Butylbenzene	ND	1.0	ug/L						
50 n-Propylbenzene	ND	1.0	ug/L						
51 o-Xylene	ND	1.0	ug/L						
52 sec-Butylbenzene	ND	1.0	ug/L						
53 Styrene	ND	1.0	ug/L						
54 tert-Butylbenzene	ND	1.0	ug/L						
55 Tetrachloroethene	ND	1.0	ug/L						
56 Toluene	ND	1.0	ug/L						
57 trans-1,2-Dichloroethene	ND	1.0	ug/L						
58 trans-1,3-Dichloropropene	ND	0.50	ug/L						
59 Trichloroethene	ND	1.0	ug/L						
60 Trichlorofluoromethane	ND	1.0	ug/L						
61 Vinyl Chloride	ND	1.0	ug/L						
62 Xylenes	ND	3.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4(S)	*49*		*ug/L*	*50.0*		*97.8*	*80-120*		
Surrogate: 4-Bromofluorobenzene(S)	*53*		*ug/L*	*50.0*		*106*	*80-120*		
Surrogate: Dibromofluoromethane(S)	*51*		*ug/L*	*50.0*		*101*	*80-120*		
Surrogate: Toluene-d8(S)	*49*		*ug/L*	*50.0*		*98.6*	*80-120*		
LCS (BFG0007-BS1)				Prepared & Analyzed: 07/01/26 13:10					
1 1,1,1,2-Tetrachloroethane	58	1.0	ug/L	50.0		115	80-130		
2 1,1,1-Trichloroethane	54	1.0	ug/L	50.0		108	70-130		
3 1,1,2,2-Tetrachloroethane	57	1.0	ug/L	50.0		114	70-130		
4 1,1,2-Trichloroethane	55	1.0	ug/L	50.0		109	75-125		
5 1,1-Dichloroethane	54	1.0	ug/L	50.0		109	70-130		
6 1,1-Dichloroethene	53	1.0	ug/L	50.0		106	78-128		
7 1,2,3-Trichloropropane	61	1.0	ug/L	50.0		123	75-125		
8 1,2,3-Trimethylbenzene	53	1.0	ug/L	50.0		106	70-130		
9 1,2,4-Trichlorobenzene	55	5.0	ug/L	50.0		110	70-130		
10 1,2,4-Trimethylbenzene	54	1.0	ug/L	50.0		107	75-130		
11 1,2-Dibromo-3-chloropropane (SIM)	58	1.0	ug/L	50.0		116	70-130		
12 1,2-Dichlorobenzene	56	1.0	ug/L	50.0		111	70-120		
13 1,2-Dichloroethane	54	1.0	ug/L	50.0		108	70-130		
14 1,2-Dichloropropane	51	1.0	ug/L	50.0		102	80-121		
15 1,3,5-Trimethylbenzene	50	1.0	ug/L	50.0		101	75-130		
16 1,3-Dichlorobenzene	55	1.0	ug/L	50.0		111	75-125		

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)

Analyte	Result	Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BFG0007-BS1)					Prepared & Analyzed: 07/01/26 13:10					
17 1,4-Dichlorobenzene	54		1.0	ug/L	50.0		108	75-125		
18 2-Butanone	47		5.0	ug/L	50.0		93.4	70-148		
19 2-Chlorotoluene	56		1.0	ug/L	50.0		111	75-125		
20 2-Hexanone	54		5.0	ug/L	50.0		109	70-130		
21 2-Methylnaphthalene	51		10	ug/L	50.0		102	70-130		
22 4-Methyl-2-pentanone	55		5.0	ug/L	50.0		110	70-130		
23 Acetone	48	ICV+	50	ug/L	50.0		95.6	54-140		
24 Acrylonitrile	52		2.0	ug/L	50.0		104	70-130		
25 Benzene	55		1.0	ug/L	50.0		111	80-120		
26 Bromobenzene	54		1.0	ug/L	50.0		109	75-125		
27 Bromochloromethane	55		1.0	ug/L	50.0		110	70-130		
28 Bromodichloromethane	57		1.0	ug/L	50.0		114	75-125		
29 Bromoform (SIM)	67	L+	1.0	ug/L	50.0		134	70-130		
30 Bromomethane	65	ICV+	5.0	ug/L	50.0		131	68-135		
31 Carbon Disulfide	64		1.0	ug/L	50.0		128	70-130		
32 Carbon Tetrachloride	55		1.0	ug/L	50.0		110	70-130		
33 Chlorobenzene	55		1.0	ug/L	50.0		111	80-120		
34 Chloroethane	51		5.0	ug/L	50.0		101	61-130		
35 Chloroform	53		1.0	ug/L	50.0		105	80-120		
36 Chloromethane	58		5.0	ug/L	50.0		116	67-125		
37 cis-1,2-Dichloroethene	54		1.0	ug/L	50.0		108	70-125		
38 cis-1,3-Dichloropropene	59		0.50	ug/L	50.0		118	70-130		
39 Dibromochloromethane	60		1.0	ug/L	50.0		120	70-130		
40 Dibromomethane	57		1.0	ug/L	50.0		114	75-125		
41 Dichlorodifluoromethane	42	ICV+	5.0	ug/L	50.0		83.7	70-136		
42 Ethylbenzene	54		1.0	ug/L	50.0		109	80-120		
43 Ethylene Dibromide	55		1.0	ug/L	50.0		110	80-120		
44 Isopropylbenzene	53		1.0	ug/L	50.0		107	75-125		
45 m&p-Xylene	110		2.0	ug/L	100		111	75-130		
46 Methylene Chloride	54		5.0	ug/L	50.0		108	70-130		
47 MTBE	54		1.0	ug/L	50.0		107	70-125		
48 Naphthalene	51		5.0	ug/L	50.0		103	70-130		
49 n-Butylbenzene	56		1.0	ug/L	50.0		111	70-133		
50 n-Propylbenzene	57		1.0	ug/L	50.0		113	70-130		
51 o-Xylene	63	L+	1.0	ug/L	50.0		126	80-120		
52 sec-Butylbenzene	51		1.0	ug/L	50.0		102	70-125		
53 Styrene	56		1.0	ug/L	50.0		113	70-130		
54 tert-Butylbenzene	54		1.0	ug/L	50.0		108	70-130		
55 Tetrachloroethene	50		1.0	ug/L	50.0		101	70-130		
56 Toluene	54		1.0	ug/L	50.0		107	80-120		
57 trans-1,2-Dichloroethene	55		1.0	ug/L	50.0		109	70-130		
58 trans-1,3-Dichloropropene	58		0.50	ug/L	50.0		116	70-132		
59 Trichloroethene	54		1.0	ug/L	50.0		107	71-125		
60 Trichlorofluoromethane	45		1.0	ug/L	50.0		90.9	70-133		

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)

Analyte	Result	Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BFG0007-BS1)					Prepared & Analyzed: 07/01/26 13:10					
61 Vinyl Chloride	59		1.0	ug/L	50.0		117	74-125		
Surrogate: 1,2-Dichloroethane-d4(S)	*48*			*ug/L*	*50.0*		*95.9*	*80-120*		
Surrogate: 4-Bromofluorobenzene(S)	*53*			*ug/L*	*50.0*		*106*	*80-120*		
Surrogate: Dibromofluoromethane(S)	*49*			*ug/L*	*50.0*		*98.4*	*80-120*		
Surrogate: Toluene-d8(S)	*49*			*ug/L*	*50.0*		*97.5*	*80-120*		
LCS Dup (BFG0007-BSD1)					Prepared & Analyzed: 07/01/26 13:38					
1 1,1,1,2-Tetrachloroethane	55		1.0	ug/L	50.0		111	80-130	3.83	20
2 1,1,1-Trichloroethane	51		1.0	ug/L	50.0		102	70-130	6.03	20
3 1,1,2,2-Tetrachloroethane	55		1.0	ug/L	50.0		110	70-130	3.48	20
4 1,1,2-Trichloroethane	54		1.0	ug/L	50.0		108	75-125	1.75	20
5 1,1-Dichloroethane	52		1.0	ug/L	50.0		103	70-130	5.27	20
6 1,1-Dichloroethene	51		1.0	ug/L	50.0		101	78-128	5.04	20
7 1,2,3-Trichloropropane	57		1.0	ug/L	50.0		115	75-125	6.80	20
8 1,2,3-Trimethylbenzene	51		1.0	ug/L	50.0		102	70-130	4.49	20
9 1,2,4-Trichlorobenzene	52		5.0	ug/L	50.0		104	70-130	5.62	20
10 1,2,4-Trimethylbenzene	51		1.0	ug/L	50.0		102	75-130	5.16	20
11 1,2-Dibromo-3-chloropropane (SIM)	52		1.0	ug/L	50.0		104	70-130	10.4	20
12 1,2-Dichlorobenzene	53		1.0	ug/L	50.0		106	70-120	5.09	20
13 1,2-Dichloroethane	52		1.0	ug/L	50.0		104	70-130	4.00	20
14 1,2-Dichloropropane	50		1.0	ug/L	50.0		99.2	80-121	2.78	20
15 1,3,5-Trimethylbenzene	47		1.0	ug/L	50.0		94.2	75-130	6.53	20
16 1,3-Dichlorobenzene	53		1.0	ug/L	50.0		106	75-125	4.23	20
17 1,4-Dichlorobenzene	52		1.0	ug/L	50.0		104	75-125	4.18	20
18 2-Butanone	45		5.0	ug/L	50.0		89.5	70-148	4.29	20
19 2-Chlorotoluene	53		1.0	ug/L	50.0		106	75-125	5.14	20
20 2-Hexanone	52		5.0	ug/L	50.0		103	70-130	5.33	20
21 2-Methylnaphthalene	47		10	ug/L	50.0		94.5	70-130	7.32	20
22 4-Methyl-2-pentanone	53		5.0	ug/L	50.0		105	70-130	4.36	20
23 Acetone	46	ICV+	50	ug/L	50.0		91.8	54-140	4.03	20
24 Acrylonitrile	50		2.0	ug/L	50.0		99.9	70-130	3.69	20
25 Benzene	52		1.0	ug/L	50.0		105	80-120	5.89	20
26 Bromobenzene	52		1.0	ug/L	50.0		104	75-125	4.71	20
27 Bromochloromethane	53		1.0	ug/L	50.0		105	70-130	4.67	20
28 Bromodichloromethane	55		1.0	ug/L	50.0		109	75-125	4.44	20
29 Bromoform (SIM)	61		1.0	ug/L	50.0		122	70-130	9.44	20
30 Bromomethane	63	ICV+	5.0	ug/L	50.0		126	68-135	3.95	20
31 Carbon Disulfide	60		1.0	ug/L	50.0		120	70-130	6.60	20
32 Carbon Tetrachloride	52		1.0	ug/L	50.0		105	70-130	4.75	20
33 Chlorobenzene	53		1.0	ug/L	50.0		106	80-120	4.67	20
34 Chloroethane	48		5.0	ug/L	50.0		95.6	61-130	5.61	20
35 Chloroform	50		1.0	ug/L	50.0		99.7	80-120	5.54	20
36 Chloromethane	55		5.0	ug/L	50.0		110	67-125	5.82	20

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Volatile Organic Compounds (VOCs) by GC/MS, 5030C (Continued)

Analyte	Result	Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS Dup (BFG0007-BSD1)					Prepared & Analyzed: 07/01/26 13:38					
37 cis-1,2-Dichloroethene	52		1.0	ug/L	50.0		103	70-125	4.83	20
38 cis-1,3-Dichloropropene	56		0.50	ug/L	50.0		112	70-130	4.63	20
39 Dibromochloromethane	58		1.0	ug/L	50.0		115	70-130	3.78	20
40 Dibromomethane	54		1.0	ug/L	50.0		108	75-125	5.45	20
41 Dichlorodifluoromethane	40	ICV+	5.0	ug/L	50.0		79.5	70-136	5.12	20
42 Ethylbenzene	52		1.0	ug/L	50.0		103	80-120	5.41	20
43 Ethylene Dibromide	54		1.0	ug/L	50.0		109	80-120	1.35	20
44 Isopropylbenzene	51		1.0	ug/L	50.0		101	75-125	5.27	20
45 m&p-Xylene	110		2.0	ug/L	100		105	75-130	4.91	20
46 Methylene Chloride	51		5.0	ug/L	50.0		102	70-130	5.53	20
47 MTBE	52		1.0	ug/L	50.0		103	70-125	3.77	20
48 Naphthalene	48		5.0	ug/L	50.0		96.8	70-130	5.86	20
49 n-Butylbenzene	52		1.0	ug/L	50.0		104	70-133	6.41	20
50 n-Propylbenzene	53		1.0	ug/L	50.0		106	70-130	6.35	20
51 o-Xylene	65	L+	1.0	ug/L	50.0		131	80-120	3.54	20
52 sec-Butylbenzene	53		1.0	ug/L	50.0		107	70-125	4.36	20
53 Styrene	54		1.0	ug/L	50.0		109	70-130	3.76	20
54 tert-Butylbenzene	51		1.0	ug/L	50.0		102	70-130	5.50	20
55 Tetrachloroethene	48		1.0	ug/L	50.0		96.1	70-130	4.58	20
56 Toluene	51		1.0	ug/L	50.0		102	80-120	5.00	20
57 trans-1,2-Dichloroethene	52		1.0	ug/L	50.0		104	70-130	4.96	20
58 trans-1,3-Dichloropropene	56		0.50	ug/L	50.0		113	70-132	3.22	20
59 Trichloroethene	51		1.0	ug/L	50.0		102	71-125	5.11	20
60 Trichlorofluoromethane	43		1.0	ug/L	50.0		86.1	70-133	5.42	20
61 Vinyl Chloride	54		1.0	ug/L	50.0		109	74-125	7.44	20
Surrogate: 1,2-Dichloroethane-d4(S)	*48*			*ug/L*	*50.0*		*96.4*	*80-120*		
Surrogate: 4-Bromofluorobenzene(S)	*48*			*ug/L*	*50.0*		*96.0*	*80-120*		
Surrogate: Dibromofluoromethane(S)	*49*			*ug/L*	*50.0*		*98.4*	*80-120*		
Surrogate: Toluene-d8(S)	*49*			*ug/L*	*50.0*		*98.2*	*80-120*		

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633)

	Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Method: EPA 1633										
Batch: BFG0062 - 537M										
Blank (BFG0062-BLK1)					Prepared: 07/06/26 10:52 Analyzed: 07/09/26 12:57					
1	PFBA	ND	1.6	ng/L						
2	PFPeA	ND	0.80	ng/L						
3	PFHxA	ND	0.40	ng/L						
4	PFHpA	ND	0.40	ng/L						
5	PFOA	ND	0.40	ng/L						
6	PFNA	ND	0.40	ng/L						
7	PFDA	ND	0.40	ng/L						
8	PFUnA	ND	0.40	ng/L						
9	PFDoA	ND	0.40	ng/L						
10	PFTrDA	ND	0.40	ng/L						
11	PFTeDA	ND	0.40	ng/L						
12	PFBS	ND	0.40	ng/L						
13	PFPeS	ND	0.40	ng/L						
14	PFHxS	ND	0.40	ng/L						
15	PFHpS	ND	0.40	ng/L						
16	PFOS	ND	0.40	ng/L						
17	PFNS	ND	0.40	ng/L						
18	PFDS	ND	0.40	ng/L						
19	PFDoS	ND	0.40	ng/L						
20	4:2FTS	ND	1.6	ng/L						
21	6:2FTS	ND	1.6	ng/L						
22	8:2FTS	ND	1.6	ng/L						
23	PFOSA	ND	0.40	ng/L						
24	NMeFOSA	ND	0.40	ng/L						
25	NEtFOSA	ND	0.40	ng/L						
26	NMeFOSAA	ND	0.40	ng/L						
27	NEtFOSAA	ND	0.40	ng/L						
28	NMeFOSE	ND	4.0	ng/L						
29	NEtFOSE	ND	4.0	ng/L						
30	HFPO-DA	ND	1.6	ng/L						
31	ADONA	ND	1.6	ng/L						
32	PFEESA	ND	0.80	ng/L						
33	PFMPA	ND	0.80	ng/L						
34	PFMBA	ND	0.80	ng/L						
35	NFDHA	ND	0.80	ng/L						
36	9Cl-PF3ONS	ND	1.6	ng/L						
37	11Cl-PF3OUDS	ND	1.6	ng/L						
38	3:3FTCA	ND	2.0	ng/L						
39	5:3FTCA	ND	10	ng/L						
40	7:3FTCA	ND	10	ng/L						

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (BFG0062-BLK1)				Prepared: 07/06/26 10:52 Analyzed: 07/09/26 12:57					
Surrogate: 13C4-PFBA	*32*		*ng/L*	*32.0*		*99*	*5-130*		
Surrogate: 13C5-PFPEA	*15*		*ng/L*	*16.0*		*95*	*40-130*		
Surrogate: 13C5-PFHXA	*7.9*		*ng/L*	*8.00*		*98*	*40-130*		
Surrogate: 13C4-PFHPA	*8.0*		*ng/L*	*8.00*		*101*	*40-130*		
Surrogate: 13C8-PFOA	*7.4*		*ng/L*	*8.00*		*93*	*40-130*		
Surrogate: 13C9-PFNA	*4.8*		*ng/L*	*4.00*		*120*	*40-130*		
Surrogate: 13C6-PFDA	*3.5*		*ng/L*	*4.00*		*87*	*40-130*		
Surrogate: 13C7-PFUnA	*2.8*		*ng/L*	*4.00*		*69*	*30-130*		
Surrogate: 13C2-PFDOA	*2.2*		*ng/L*	*4.00*		*55*	*10-130*		
Surrogate: 13C2-PFTEDA	*2.0*		*ng/L*	*4.00*		*50*	*10-130*		
Surrogate: 13C3-PFBS	*7.8*		*ng/L*	*7.46*		*105*	*40-135*		
Surrogate: 13C3-PFHXS	*7.5*		*ng/L*	*7.58*		*99*	*40-130*		
Surrogate: 13C8-PFOS	*7.0*		*ng/L*	*7.66*		*92*	*40-130*		
Surrogate: 13C2-4:2FTS	*14*		*ng/L*	*15.0*		*92*	*40-200*		
Surrogate: 13C2-6:2FTS	*14*		*ng/L*	*15.2*		*92*	*40-200*		
Surrogate: 13C2-8:2FTS	*15*		*ng/L*	*15.4*		*95*	*40-300*		
Surrogate: 13C8-PFOSA	*7.2*		*ng/L*	*8.00*		*90*	*40-130*		
Surrogate: D3-NMEFOSA	*5.0*		*ng/L*	*8.00*		*62*	*10-130*		
Surrogate: D5-NETFOSA	*5.0*		*ng/L*	*8.00*		*63*	*10-130*		
Surrogate: D3-NMEFOSAA	*16*		*ng/L*	*16.0*		*103*	*40-170*		
Surrogate: D5-NETFOSAA	*16*		*ng/L*	*16.0*		*97*	*25-135*		
Surrogate: D7-NMEFOSE	*71*		*ng/L*	*80.0*		*89*	*10-130*		
Surrogate: D9-NETFOSE	*67*		*ng/L*	*80.0*		*83*	*10-130*		
Surrogate: 13C3-HFPO-DA	*30*		*ng/L*	*32.0*		*94*	*40-130*		
LCS (BFG0062-BS1)				Prepared: 07/06/26 10:52 Analyzed: 07/09/26 13:24					
1 PFBA	33	1.6	ng/L	32.0		103	70-140		
2 PFPeA	15	0.80	ng/L	16.0		97	65-135		
3 PFHxA	9.3	0.40	ng/L	8.00		116	70-145		
4 PFHpA	8.2	0.40	ng/L	8.00		102	70-150		
5 PFOA	11	0.40	ng/L	8.00		131	70-150		
6 PFNA	7.1	0.40	ng/L	8.00		88	70-150		
7 PFDA	9.2	0.40	ng/L	8.00		115	70-140		
8 PFUnA	10	0.40	ng/L	8.00		128	70-145		
9 PFDoA	12 L+	0.40	ng/L	8.00		153	70-140		
10 PFTrDA	12 L+	0.40	ng/L	8.00		149	65-140		
11 PFTeDA	11	0.40	ng/L	8.00		132	60-140		
12 PFBS	7.2	0.40	ng/L	7.10		101	60-145		
13 PFPeS	7.3	0.40	ng/L	7.52		97	65-140		
14 PFHxS	7.5	0.40	ng/L	7.30		103	65-145		
15 PFHpS	8.3	0.40	ng/L	7.62		108	70-150		
16 PFOS	7.8	0.40	ng/L	7.42		105	55-150		
17 PFNS	7.2	0.40	ng/L	7.68		93	65-145		
18 PFDS	7.1	0.40	ng/L	7.72		91	60-145		
19 PFDoS	6.2	0.40	ng/L	7.74		81	50-145		
20 4:2FTS	32	1.6	ng/L	30.0		108	70-145		

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BFG0062-BS1)				Prepared: 07/06/26 10:52 Analyzed: 07/09/26 13:24					
21 6:2FTS	30	1.6	ng/L	30.4		100	65-155		
22 8:2FTS	32	1.6	ng/L	30.8		104	60-150		
23 PFOSA	8.5	0.40	ng/L	8.00		106	70-145		
24 NMeFOSA	9.1	0.40	ng/L	8.00		113	60-150		
25 NEtFOSA	8.3	0.40	ng/L	8.00		103	65-145		
26 NMeFOSAA	8.6	0.40	ng/L	8.00		108	50-140		
27 NEtFOSAA	8.1	0.40	ng/L	8.00		102	70-145		
28 NMeFOSE	84	4.0	ng/L	80.0		106	70-145		
29 NEtFOSE	86	4.0	ng/L	80.0		108	70-135		
30 HFPO-DA	32	1.6	ng/L	32.0		100	70-140		
31 ADONA	33	1.6	ng/L	30.2		111	65-145		
32 PFEESA	15	0.80	ng/L	14.3		105	70-140		
33 PFMPA	17	0.80	ng/L	16.0		109	55-140		
34 PFMBA	15	0.80	ng/L	16.0		96	60-150		
35 NFDHA	15	0.80	ng/L	16.0		95	50-150		
36 9Cl-PF3ONS	28	1.6	ng/L	29.8		95	70-155		
37 11Cl-PF3OUDS	25	1.6	ng/L	30.2		82	55-160		
38 3:3FTCA	39	2.0	ng/L	40.0		99	65-130		
39 5:3FTCA	220	10	ng/L	200		111	70-135		
40 7:3FTCA	220	10	ng/L	200		111	50-145		
Surrogate: 13C4-PFBA	*31*		*ng/L*	*32.0*		*96*	*5-130*		
Surrogate: 13C5-PFPEA	*16*		*ng/L*	*16.0*		*103*	*40-130*		
Surrogate: 13C5-PFHXA	*7.4*		*ng/L*	*8.00*		*92*	*40-130*		
Surrogate: 13C4-PFHPA	*7.5*		*ng/L*	*8.00*		*94*	*40-130*		
Surrogate: 13C8-PFOA	*7.6*		*ng/L*	*8.00*		*95*	*40-130*		
Surrogate: 13C9-PFNA	*4.8*		*ng/L*	*4.00*		*121*	*40-130*		
Surrogate: 13C6-PFDA	*3.4*		*ng/L*	*4.00*		*84*	*40-130*		
Surrogate: 13C7-PFUnA	*2.8*		*ng/L*	*4.00*		*69*	*30-130*		
Surrogate: 13C2-PFDOA	*2.2*		*ng/L*	*4.00*		*56*	*10-130*		
Surrogate: 13C2-PFTEDA	*2.0*		*ng/L*	*4.00*		*49*	*10-130*		
Surrogate: 13C3-PFBS	*7.6*		*ng/L*	*7.46*		*102*	*40-135*		
Surrogate: 13C3-PFHXS	*7.4*		*ng/L*	*7.58*		*97*	*40-130*		
Surrogate: 13C8-PFOS	*7.5*		*ng/L*	*7.66*		*98*	*40-130*		
Surrogate: 13C2-4:2FTS	*14*		*ng/L*	*15.0*		*92*	*40-200*		
Surrogate: 13C2-6:2FTS	*15*		*ng/L*	*15.2*		*99*	*40-200*		
Surrogate: 13C2-8:2FTS	*15*		*ng/L*	*15.4*		*97*	*40-300*		
Surrogate: 13C8-PFOSA	*7.4*		*ng/L*	*8.00*		*93*	*40-130*		
Surrogate: D3-NMEFOSA	*5.4*		*ng/L*	*8.00*		*67*	*10-130*		
Surrogate: D5-NETFOSA	*5.6*		*ng/L*	*8.00*		*70*	*10-130*		
Surrogate: D3-NMEFOSAA	*16*		*ng/L*	*16.0*		*100*	*40-170*		
Surrogate: D5-NETFOSAA	*16*		*ng/L*	*16.0*		*98*	*25-135*		
Surrogate: D7-NMEFOSE	*75*		*ng/L*	*80.0*		*94*	*10-130*		
Surrogate: D9-NETFOSE	*70*		*ng/L*	*80.0*		*88*	*10-130*		
Surrogate: 13C3-HFPO-DA	*31*		*ng/L*	*32.0*		*97*	*40-130*		

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS Dup (BFG0062-BSD1)				Prepared: 07/06/26 10:52		Analyzed: 07/09/26 13:37			
1 PFBA	33	1.6	ng/L	32.0		104	70-140	0.7	30
2 PFPeA	16	0.80	ng/L	16.0		99	65-135	2	30
3 PFHxA	8.8	0.40	ng/L	8.00		110	70-145	5	30
4 PFHpA	8.2	0.40	ng/L	8.00		102	70-150	0.03	30
5 PFOA	9.8	0.40	ng/L	8.00		122	70-150	7	30
6 PFNA	7.2	0.40	ng/L	8.00		90	70-150	2	30
7 PFDA	8.8	0.40	ng/L	8.00		110	70-140	4	30
8 PFUnA	9.8	0.40	ng/L	8.00		123	70-145	4	30
9 PFDoA	10	0.40	ng/L	8.00		125	70-140	20	30
10 PFTrDA	11	0.40	ng/L	8.00		134	65-140	11	30
11 PFTeDA	11	0.40	ng/L	8.00		133	60-140	1	30
12 PFBS	7.5	0.40	ng/L	7.10		106	60-145	5	30
13 PFPeS	7.2	0.40	ng/L	7.52		96	65-140	1	30
14 PFHxS	7.6	0.40	ng/L	7.30		104	65-145	0.5	30
15 PFHpS	8.1	0.40	ng/L	7.62		106	70-150	2	30
16 PFOS	7.7	0.40	ng/L	7.42		104	55-150	1	30
17 PFNS	7.3	0.40	ng/L	7.68		95	65-145	2	30
18 PFDS	6.8	0.40	ng/L	7.72		88	60-145	4	30
19 PFDoS	6.3	0.40	ng/L	7.74		81	50-145	0.7	30
20 4:2FTS	32	1.6	ng/L	30.0		105	70-145	3	30
21 6:2FTS	32	1.6	ng/L	30.4		106	65-155	6	30
22 8:2FTS	32	1.6	ng/L	30.8		104	60-150	0.4	30
23 PFOSA	8.8	0.40	ng/L	8.00		109	70-145	3	30
24 NMeFOSA	8.7	0.40	ng/L	8.00		109	60-150	4	30
25 NEtFOSA	8.0	0.40	ng/L	8.00		100	65-145	4	30
26 NMeFOSAA	8.7	0.40	ng/L	8.00		108	50-140	0.6	30
27 NEtFOSAA	8.3	0.40	ng/L	8.00		104	70-145	2	30
28 NMeFOSE	81	4.0	ng/L	80.0		101	70-145	4	30
29 NEtFOSE	82	4.0	ng/L	80.0		103	70-135	5	30
30 HFPO-DA	32	1.6	ng/L	32.0		101	70-140	1	30
31 ADONA	34	1.6	ng/L	30.2		112	65-145	1	30
32 PFEESA	14	0.80	ng/L	14.3		100	70-140	4	30
33 PFMPA	18	0.80	ng/L	16.0		115	55-140	5	30
34 PFMBA	16	0.80	ng/L	16.0		102	60-150	7	30
35 NFDHA	15	0.80	ng/L	16.0		94	50-150	1	30
36 9Cl-PF3ONS	29	1.6	ng/L	29.8		96	70-155	1	30
37 11Cl-PF3OUDS	25	1.6	ng/L	30.2		84	55-160	2	30
38 3:3FTCA	39	2.0	ng/L	40.0		98	65-130	0.7	30
39 5:3FTCA	220	10	ng/L	200		111	70-135	0.3	30
40 7:3FTCA	220	10	ng/L	200		111	50-145	0.4	30
Surrogate: 13C4-PFBA	*31*		*ng/L*	*32.0*		*97*	*5-130*		
Surrogate: 13C5-PFPEA	*17*		*ng/L*	*16.0*		*103*	*40-130*		
Surrogate: 13C5-PFHXA	*7.7*		*ng/L*	*8.00*		*96*	*40-130*		

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS Dup (BFG0062-BSD1)				Prepared: 07/06/26 10:52 Analyzed: 07/09/26 13:37					
Surrogate: 13C4-PFHPA	*7.7*		*ng/L*	*8.00*		*96*	*40-130*		
Surrogate: 13C8-PFOA	*7.6*		*ng/L*	*8.00*		*95*	*40-130*		
Surrogate: 13C9-PFNA	*4.9*		*ng/L*	*4.00*		*122*	*40-130*		
Surrogate: 13C6-PFDA	*3.5*		*ng/L*	*4.00*		*87*	*40-130*		
Surrogate: 13C7-PFUnA	*3.0*		*ng/L*	*4.00*		*75*	*30-130*		
Surrogate: 13C2-PFDOA	*2.7*		*ng/L*	*4.00*		*67*	*10-130*		
Surrogate: 13C2-PFTEDA	*2.1*		*ng/L*	*4.00*		*52*	*10-130*		
Surrogate: 13C3-PFBS	*7.4*		*ng/L*	*7.46*		*99*	*40-135*		
Surrogate: 13C3-PFHXS	*7.2*		*ng/L*	*7.58*		*96*	*40-130*		
Surrogate: 13C8-PFOS	*7.2*		*ng/L*	*7.66*		*94*	*40-130*		
Surrogate: 13C2-4:2FTS	*14*		*ng/L*	*15.0*		*93*	*40-200*		
Surrogate: 13C2-6:2FTS	*14*		*ng/L*	*15.2*		*93*	*40-200*		
Surrogate: 13C2-8:2FTS	*15*		*ng/L*	*15.4*		*97*	*40-300*		
Surrogate: 13C8-PFOSA	*7.1*		*ng/L*	*8.00*		*88*	*40-130*		
Surrogate: D3-NMEFOSA	*5.1*		*ng/L*	*8.00*		*64*	*10-130*		
Surrogate: D5-NETFOSA	*5.4*		*ng/L*	*8.00*		*67*	*10-130*		
Surrogate: D3-NMEFOSAA	*15*		*ng/L*	*16.0*		*95*	*40-170*		
Surrogate: D5-NETFOSAA	*15*		*ng/L*	*16.0*		*91*	*25-135*		
Surrogate: D7-NMEFOSE	*73*		*ng/L*	*80.0*		*91*	*10-130*		
Surrogate: D9-NETFOSE	*67*		*ng/L*	*80.0*		*83*	*10-130*		
Surrogate: 13C3-HFPO-DA	*32*		*ng/L*	*32.0*		*99*	*40-130*		
Duplicate (BFG0062-DUP1)	**Source: 26F0277-05**			Prepared: 07/06/26 10:52 Analyzed: 07/09/26 13:49					
1 PFBA	2.2	1.6	ng/L		2.9			28	30
2 PFPeA	ND *	0.80	ng/L		0.40			200	30
3 PFHxA	0.16 *	0.40	ng/L		0.30			60	30
4 PFHpA	ND *	0.40	ng/L		0.11			200	30
5 PFOA	0.91	0.40	ng/L		1.1			14	30
6 PFNA	0.18	0.40	ng/L		0.20			8	30
7 PFDA	ND	0.40	ng/L		ND				30
8 PFUnA	ND	0.40	ng/L		ND				30
9 PFDoA	ND	0.40	ng/L		ND				30
10 PFTrDA	ND	0.40	ng/L		ND				30
11 PFTeDA	ND	0.40	ng/L		ND				30
12 PFBS	7.8	0.40	ng/L		8.0			3	30
13 PFPeS	0.21 *	0.40	ng/L		0.31			36	30
14 PFHxS	1.4	0.40	ng/L		1.5			7	30
15 PFHpS	0.15	0.40	ng/L		0.14			8	30
16 PFOS	4.5	0.40	ng/L		4.2			5	30
17 PFNS	ND	0.40	ng/L		ND				30
18 PFDS	ND	0.40	ng/L		ND				30
19 PFDoS	ND	0.40	ng/L		ND				30
20 4:2FTS	ND	1.6	ng/L		ND				30
21 6:2FTS	ND	1.6	ng/L		ND				30
22 8:2FTS	ND	1.6	ng/L		ND				30
23 PFOSA	0.095	0.40	ng/L		0.10			7	30

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BFG0062-DUP1)	**Source: 26F0277-05**			Prepared: 07/06/26 10:52 Analyzed: 07/09/26 13:49					
24 NMeFOSA	ND	0.40	ng/L		ND				30
25 NEtFOSA	ND	0.40	ng/L		ND				30
26 NMeFOSAA	ND	0.40	ng/L		ND				30
27 NEtFOSAA	ND	0.40	ng/L		ND				30
28 NMeFOSE	ND	4.0	ng/L		ND				30
29 NEtFOSE	ND	4.0	ng/L		ND				30
30 HFPO-DA	ND	1.6	ng/L		ND				30
31 ADONA	ND	1.6	ng/L		ND				30
32 PFEESA	ND	0.80	ng/L		ND				30
33 PFMPA	ND	0.80	ng/L		ND				30
34 PFMBA	ND	0.80	ng/L		ND				30
35 NFDHA	ND	0.80	ng/L		ND				30
36 9Cl-PF3ONS	ND	1.6	ng/L		ND				30
37 11Cl-PF3OUDS	ND	1.6	ng/L		ND				30
38 3:3FTCA	ND	2.0	ng/L		ND				30
39 5:3FTCA	ND	10	ng/L		ND				30
40 7:3FTCA	ND	10	ng/L		ND				30
Surrogate: 13C4-PFBA	*30*		*ng/L*	*31.6*		*95*	*5-130*		
Surrogate: 13C5-PFPEA	*14*		*ng/L*	*15.8*		*91*	*40-130*		
Surrogate: 13C5-PFHXA	*7.3*		*ng/L*	*7.89*		*93*	*40-130*		
Surrogate: 13C4-PFHPA	*7.1*		*ng/L*	*7.89*		*90*	*40-130*		
Surrogate: 13C8-PFOA	*7.3*		*ng/L*	*7.89*		*92*	*40-130*		
Surrogate: 13C9-PFNA	*4.7*		*ng/L*	*3.95*		*119*	*40-130*		
Surrogate: 13C6-PFDA	*3.2*		*ng/L*	*3.95*		*81*	*40-130*		
Surrogate: 13C7-PFUnA	*2.5*		*ng/L*	*3.95*		*63*	*30-130*		
Surrogate: 13C2-PFDOA	*2.0*		*ng/L*	*3.95*		*50*	*10-130*		
Surrogate: 13C2-PFTEDA	*1.7*		*ng/L*	*3.95*		*43*	*10-130*		
Surrogate: 13C3-PFBS	*7.2*		*ng/L*	*7.36*		*98*	*40-135*		
Surrogate: 13C3-PFHXS	*7.0*		*ng/L*	*7.48*		*94*	*40-130*		
Surrogate: 13C8-PFOS	*6.8*		*ng/L*	*7.56*		*90*	*40-130*		
Surrogate: 13C2-4:2FTS	*15*		*ng/L*	*14.8*		*100*	*40-200*		
Surrogate: 13C2-6:2FTS	*14*		*ng/L*	*15.0*		*94*	*40-200*		
Surrogate: 13C2-8:2FTS	*13*		*ng/L*	*15.2*		*89*	*40-300*		
Surrogate: 13C8-PFOSA	*7.1*		*ng/L*	*7.89*		*89*	*40-130*		
Surrogate: D3-NMEFOSA	*5.2*		*ng/L*	*7.89*		*66*	*10-130*		
Surrogate: D5-NETFOSA	*5.2*		*ng/L*	*7.89*		*66*	*10-130*		
Surrogate: D3-NMEFOSAA	*15*		*ng/L*	*15.8*		*93*	*40-170*		
Surrogate: D5-NETFOSAA	*14*		*ng/L*	*15.8*		*87*	*25-135*		
Surrogate: D7-NMEFOSE	*68*		*ng/L*	*78.9*		*86*	*10-130*		
Surrogate: D9-NETFOSE	*63*		*ng/L*	*78.9*		*79*	*10-130*		
Surrogate: 13C3-HFPO-DA	*29*		*ng/L*	*31.6*		*93*	*40-130*		

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result	Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
MRL Check (BFG0062-MRL1)					Prepared: 07/06/26 10:52 Analyzed: 07/09/26 13:11					
1 PFBA	3.6		1.6	ng/L	3.20		112	70-140		
2 PFPeA	1.6		0.80	ng/L	1.60		99	65-135		
3 PFHxA	1.0		0.40	ng/L	0.800		127	70-145		
4 PFHpA	0.79		0.40	ng/L	0.800		99	70-150		
5 PFOA	1.1		0.40	ng/L	0.800		143	70-150		
6 PFNA	0.77		0.40	ng/L	0.800		96	70-150		
7 PFDA	0.95		0.40	ng/L	0.800		118	70-140		
8 PFUnA	1.1		0.40	ng/L	0.800		139	70-145		
9 PFDoA	1.2	MRL+	0.40	ng/L	0.800		152	70-140		
10 PFTrDA	1.2	MRL+	0.40	ng/L	0.800		151	65-140		
11 PFTeDA	1.1		0.40	ng/L	0.800		134	60-140		
12 PFBS	0.77		0.40	ng/L	0.710		108	60-145		
13 PFPeS	0.78		0.40	ng/L	0.752		104	65-140		
14 PFHxS	0.86		0.40	ng/L	0.730		118	65-145		
15 PFHpS	0.90		0.40	ng/L	0.762		118	70-150		
16 PFOS	0.92		0.40	ng/L	0.742		124	55-150		
17 PFNS	0.78		0.40	ng/L	0.768		101	65-145		
18 PFDS	0.76		0.40	ng/L	0.772		99	60-145		
19 PFDoS	0.67		0.40	ng/L	0.774		86	50-145		
20 4:2FTS	3.3		1.6	ng/L	3.00		109	70-145		
21 6:2FTS	3.0		1.6	ng/L	3.04		99	65-155		
22 8:2FTS	3.4		1.6	ng/L	3.08		110	60-150		
23 PFOSA	0.94		0.40	ng/L	0.800		118	70-145		
24 NMeFOSA	0.82		0.40	ng/L	0.800		103	60-150		
25 NEtFOSA	0.74		0.40	ng/L	0.800		93	65-145		
26 NMeFOSAA	0.88		0.40	ng/L	0.800		110	50-140		
27 NEtFOSAA	0.87		0.40	ng/L	0.800		109	70-145		
28 NMeFOSE	8.4		4.0	ng/L	8.00		105	70-145		
29 NEtFOSE	8.5		4.0	ng/L	8.00		106	70-135		
30 HFPO-DA	3.4		1.6	ng/L	3.20		108	70-140		
31 ADONA	3.7		1.6	ng/L	3.02		121	65-145		
32 PFEESA	1.6		0.80	ng/L	1.43		115	70-140		
33 PFMPA	1.8		0.80	ng/L	1.60		114	55-140		
34 PFMBA	1.6		0.80	ng/L	1.60		101	60-150		
35 NFDHA	1.6		0.80	ng/L	1.60		99	50-150		
36 9Cl-PF3ONS	3.1		1.6	ng/L	2.98		105	70-155		
37 11Cl-PF3OUDS	2.7		1.6	ng/L	3.02		91	55-160		
38 3:3FTCA	4.2		2.0	ng/L	4.00		104	65-130		
39 5:3FTCA	23		10	ng/L	20.0		113	70-135		
40 7:3FTCA	24		10	ng/L	20.0		119	50-145		
Surrogate: 13C4-PFBA	*32*			*ng/L*	*32.0*		*99*	*5-130*		
Surrogate: 13C5-PFPEA	*17*			*ng/L*	*16.0*		*108*	*40-130*		
Surrogate: 13C5-PFHXA	*7.7*			*ng/L*	*8.00*		*96*	*40-130*		

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
MRL Check (BFG0062-MRL1)				Prepared: 07/06/26 10:52 Analyzed: 07/09/26 13:11					
Surrogate: 13C4-PFHPA	*8.3*		*ng/L*	*8.00*		*103*	*40-130*		
Surrogate: 13C8-PFOA	*7.7*		*ng/L*	*8.00*		*96*	*40-130*		
Surrogate: 13C9-PFNA	*4.9*		*ng/L*	*4.00*		*121*	*40-130*		
Surrogate: 13C6-PFDA	*3.3*		*ng/L*	*4.00*		*83*	*40-130*		
Surrogate: 13C7-PFUnA	*2.6*		*ng/L*	*4.00*		*66*	*30-130*		
Surrogate: 13C2-PFDOA	*2.1*		*ng/L*	*4.00*		*54*	*10-130*		
Surrogate: 13C2-PFTEDA	*2.0*		*ng/L*	*4.00*		*49*	*10-130*		
Surrogate: 13C3-PFBS	*7.4*		*ng/L*	*7.46*		*99*	*40-135*		
Surrogate: 13C3-PFHXS	*7.2*		*ng/L*	*7.58*		*95*	*40-130*		
Surrogate: 13C8-PFOS	*6.9*		*ng/L*	*7.66*		*90*	*40-130*		
Surrogate: 13C2-4:2FTS	*13*		*ng/L*	*15.0*		*89*	*40-200*		
Surrogate: 13C2-6:2FTS	*14*		*ng/L*	*15.2*		*92*	*40-200*		
Surrogate: 13C2-8:2FTS	*14*		*ng/L*	*15.4*		*92*	*40-300*		
Surrogate: 13C8-PFOSA	*7.0*		*ng/L*	*8.00*		*87*	*40-130*		
Surrogate: D3-NMEFOSA	*4.8*		*ng/L*	*8.00*		*60*	*10-130*		
Surrogate: D5-NETFOSA	*5.0*		*ng/L*	*8.00*		*63*	*10-130*		
Surrogate: D3-NMEFOSAA	*15*		*ng/L*	*16.0*		*95*	*40-170*		
Surrogate: D5-NETFOSAA	*15*		*ng/L*	*16.0*		*91*	*25-135*		
Surrogate: D7-NMEFOSE	*70*		*ng/L*	*80.0*		*88*	*10-130*		
Surrogate: D9-NETFOSE	*65*		*ng/L*	*80.0*		*81*	*10-130*		
Surrogate: 13C3-HFPO-DA	*32*		*ng/L*	*32.0*		*100*	*40-130*		

Method: EPA 1633

Batch: BFG0079 - EPA 1633

	Analyte	Result	PQL	Units
Blank (BFG0079-BLK1)				Prepared: 07/07/26 08:32 Analyzed: 07/10/26 12:41
1	PFBA	ND	1.6	ng/L
2	PFPeA	ND	0.80	ng/L
3	PFHxA	ND	0.40	ng/L
4	PFHpA	ND	0.40	ng/L
5	PFOA	ND	0.40	ng/L
6	PFNA	ND	0.40	ng/L
7	PFDA	ND	0.40	ng/L
8	PFUnA	ND	0.40	ng/L
9	PFDoA	ND	0.40	ng/L
10	PFTrDA	ND	0.40	ng/L
11	PFTeDA	ND	0.40	ng/L
12	PFBS	ND	0.40	ng/L
13	PFPeS	ND	0.40	ng/L
14	PFHxS	ND	0.40	ng/L
15	PFHpS	ND	0.40	ng/L
16	PFOS	ND	0.40	ng/L
17	PFNS	ND	0.40	ng/L
18	PFDS	ND	0.40	ng/L
19	PFDoS	ND	0.40	ng/L
20	4:2FTS	ND	1.6	ng/L

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (BFG0079-BLK1)				Prepared: 07/07/26 08:32 Analyzed: 07/10/26 12:41					
21 6:2FTS	ND	1.6	ng/L						
22 8:2FTS	ND	1.6	ng/L						
23 PFOSA	ND	0.40	ng/L						
24 NMeFOSA	ND	0.40	ng/L						
25 NEtFOSA	ND	0.40	ng/L						
26 NMeFOSAA	ND	0.40	ng/L						
27 NEtFOSAA	ND	0.40	ng/L						
28 NMeFOSE	ND	4.0	ng/L						
29 NEtFOSE	ND	4.0	ng/L						
30 HFPO-DA	ND	1.6	ng/L						
31 ADONA	ND	1.6	ng/L						
32 PFEESA	ND	0.80	ng/L						
33 PFMPA	ND	0.80	ng/L						
34 PFMBA	ND	0.80	ng/L						
35 NFDHA	ND	0.80	ng/L						
36 9Cl-PF3ONS	ND	1.6	ng/L						
37 11Cl-PF3OUDS	ND	1.6	ng/L						
38 3:3FTCA	ND	2.0	ng/L						
39 5:3FTCA	ND	10	ng/L						
40 7:3FTCA	ND	10	ng/L						
Surrogate: 13C4-PFBA	*31*		*ng/L*	*32.0*		*98*	*5-130*		
Surrogate: 13C5-PFPEA	*19*		*ng/L*	*16.0*		*116*	*40-130*		
Surrogate: 13C5-PFHXA	*8.3*		*ng/L*	*8.00*		*104*	*40-130*		
Surrogate: 13C4-PFHPA	*8.1*		*ng/L*	*8.00*		*102*	*40-130*		
Surrogate: 13C8-PFOA	*7.9*		*ng/L*	*8.00*		*99*	*40-130*		
Surrogate: 13C9-PFNA	*3.9*		*ng/L*	*4.00*		*97*	*40-130*		
Surrogate: 13C6-PFDA	*4.1*		*ng/L*	*4.00*		*102*	*40-130*		
Surrogate: 13C7-PFUnA	*4.1*		*ng/L*	*4.00*		*102*	*30-130*		
Surrogate: 13C2-PFDOA	*3.9*		*ng/L*	*4.00*		*97*	*10-130*		
Surrogate: 13C2-PFTEDA	*3.7*		*ng/L*	*4.00*		*92*	*10-130*		
Surrogate: 13C3-PFBS	*7.8*		*ng/L*	*7.46*		*104*	*40-135*		
Surrogate: 13C3-PFHXS	*7.1*		*ng/L*	*7.58*		*94*	*40-130*		
Surrogate: 13C8-PFOS	*7.6*		*ng/L*	*7.66*		*100*	*40-130*		
Surrogate: 13C2-4:2FTS	*19*		*ng/L*	*15.0*		*126*	*40-200*		
Surrogate: 13C2-6:2FTS	*15*		*ng/L*	*15.2*		*100*	*40-200*		
Surrogate: 13C2-8:2FTS	*15*		*ng/L*	*15.4*		*98*	*40-300*		
Surrogate: 13C8-PFOSA	*7.3*		*ng/L*	*8.00*		*91*	*40-130*		
Surrogate: D3-NMEFOSA	*4.9*		*ng/L*	*8.00*		*61*	*10-130*		
Surrogate: D5-NETFOSA	*4.9*		*ng/L*	*8.00*		*62*	*10-130*		
Surrogate: D3-NMEFOSAA	*15*		*ng/L*	*16.0*		*97*	*40-170*		
Surrogate: D5-NETFOSAA	*16*		*ng/L*	*16.0*		*101*	*25-135*		
Surrogate: D7-NMEFOSE	*65*		*ng/L*	*80.0*		*81*	*10-130*		
Surrogate: D9-NETFOSE	*66*		*ng/L*	*80.0*		*82*	*10-130*		
Surrogate: 13C3-HFPO-DA	*33*		*ng/L*	*32.0*		*104*	*40-130*		

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BFG0079-BS1)				Prepared: 07/07/26 08:32		Analyzed: 07/10/26 13:06			
1 PFBA	35	1.6	ng/L	32.0		110	70-140		
2 PFPeA	18	0.80	ng/L	16.0		111	65-135		
3 PFHxA	8.7	0.40	ng/L	8.00		108	70-145		
4 PFHpA	8.9	0.40	ng/L	8.00		111	70-150		
5 PFOA	8.5	0.40	ng/L	8.00		106	70-150		
6 PFNA	7.9	0.40	ng/L	8.00		98	70-150		
7 PFDA	8.7	0.40	ng/L	8.00		109	70-140		
8 PFUnA	8.7	0.40	ng/L	8.00		108	70-145		
9 PFDoA	8.5	0.40	ng/L	8.00		106	70-140		
10 PFTrDA	8.4	0.40	ng/L	8.00		105	65-140		
11 PFTeDA	8.6	0.40	ng/L	8.00		107	60-140		
12 PFBS	7.6	0.40	ng/L	7.10		108	60-145		
13 PFPeS	8.7	0.40	ng/L	7.52		116	65-140		
14 PFHxS	7.9	0.40	ng/L	7.30		108	65-145		
15 PFHpS	8.4	0.40	ng/L	7.62		110	70-150		
16 PFOS	8.1	0.40	ng/L	7.42		110	55-150		
17 PFNS	8.4	0.40	ng/L	7.68		109	65-145		
18 PFDS	8.3	0.40	ng/L	7.72		108	60-145		
19 PFDoS	7.9	0.40	ng/L	7.74		103	50-145		
20 4:2FTS	32	1.6	ng/L	30.0		106	70-145		
21 6:2FTS	35	1.6	ng/L	30.4		116	65-155		
22 8:2FTS	33	1.6	ng/L	30.8		108	60-150		
23 PFOSA	8.6	0.40	ng/L	8.00		108	70-145		
24 NMeFOSA	8.1	0.40	ng/L	8.00		102	60-150		
25 NEtFOSA	8.1	0.40	ng/L	8.00		102	65-145		
26 NMeFOSAA	8.7	0.40	ng/L	8.00		109	50-140		
27 NEtFOSAA	8.6	0.40	ng/L	8.00		107	70-145		
28 NMeFOSE	85	4.0	ng/L	80.0		106	70-145		
29 NEtFOSE	86	4.0	ng/L	80.0		107	70-135		
30 HFPO-DA	34	1.6	ng/L	32.0		106	70-140		
31 ADONA	35	1.6	ng/L	30.2		115	65-145		
32 PFEESA	16	0.80	ng/L	14.3		113	70-140		
33 PFMPA	16	0.80	ng/L	16.0		102	55-140		
34 PFMBA	16	0.80	ng/L	16.0		99	60-150		
35 NFDHA	18	0.80	ng/L	16.0		114	50-150		
36 9Cl-PF3ONS	33	1.6	ng/L	29.8		112	70-155		
37 11Cl-PF3OUDS	32	1.6	ng/L	30.2		105	55-160		
38 3:3FTCA	43	2.0	ng/L	40.0		106	65-130		
39 5:3FTCA	220	10	ng/L	200		112	70-135		
40 7:3FTCA	210	10	ng/L	200		107	50-145		
Surrogate: 13C4-PFBA	*30*		*ng/L*	*32.0*		*95*	*5-130*		
Surrogate: 13C5-PFPEA	*18*		*ng/L*	*16.0*		*110*	*40-130*		
Surrogate: 13C5-PFHXA	*7.6*		*ng/L*	*8.00*		*95*	*40-130*		

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Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BFG0079-BS1)				Prepared: 07/07/26 08:32 Analyzed: 07/10/26 13:06					
Surrogate: 13C4-PFHPA	*7.7*		*ng/L*	*8.00*		*96*	*40-130*		
Surrogate: 13C8-PFOA	*7.8*		*ng/L*	*8.00*		*98*	*40-130*		
Surrogate: 13C9-PFNA	*4.3*		*ng/L*	*4.00*		*106*	*40-130*		
Surrogate: 13C6-PFDA	*3.9*		*ng/L*	*4.00*		*98*	*40-130*		
Surrogate: 13C7-PFUnA	*4.1*		*ng/L*	*4.00*		*103*	*30-130*		
Surrogate: 13C2-PFDOA	*3.8*		*ng/L*	*4.00*		*96*	*10-130*		
Surrogate: 13C2-PFTEDA	*3.7*		*ng/L*	*4.00*		*92*	*10-130*		
Surrogate: 13C3-PFBS	*7.0*		*ng/L*	*7.46*		*94*	*40-135*		
Surrogate: 13C3-PFHXS	*6.9*		*ng/L*	*7.58*		*91*	*40-130*		
Surrogate: 13C8-PFOS	*7.1*		*ng/L*	*7.66*		*93*	*40-130*		
Surrogate: 13C2-4:2FTS	*20*		*ng/L*	*15.0*		*131*	*40-200*		
Surrogate: 13C2-6:2FTS	*16*		*ng/L*	*15.2*		*103*	*40-200*		
Surrogate: 13C2-8:2FTS	*15*		*ng/L*	*15.4*		*96*	*40-300*		
Surrogate: 13C8-PFOSA	*7.0*		*ng/L*	*8.00*		*88*	*40-130*		
Surrogate: D3-NMEFOSA	*4.9*		*ng/L*	*8.00*		*62*	*10-130*		
Surrogate: D5-NETFOSA	*5.1*		*ng/L*	*8.00*		*64*	*10-130*		
Surrogate: D3-NMEFOSAA	*14*		*ng/L*	*16.0*		*89*	*40-170*		
Surrogate: D5-NETFOSAA	*15*		*ng/L*	*16.0*		*92*	*25-135*		
Surrogate: D7-NMEFOSE	*64*		*ng/L*	*80.0*		*80*	*10-130*		
Surrogate: D9-NETFOSE	*65*		*ng/L*	*80.0*		*81*	*10-130*		
Surrogate: 13C3-HFPO-DA	*32*		*ng/L*	*32.0*		*99*	*40-130*		
LCS Dup (BFG0079-BSD1)				Prepared: 07/07/26 08:32 Analyzed: 07/10/26 13:19					
1 PFBA	35	1.6	ng/L	32.0		108	70-140	2	30
2 PFPeA	18	0.80	ng/L	16.0		110	65-135	0.9	30
3 PFHxA	8.4	0.40	ng/L	8.00		105	70-145	4	30
4 PFHpA	8.5	0.40	ng/L	8.00		106	70-150	5	30
5 PFOA	8.8	0.40	ng/L	8.00		110	70-150	3	30
6 PFNA	8.7	0.40	ng/L	8.00		109	70-150	10	30
7 PFDA	8.1	0.40	ng/L	8.00		101	70-140	8	30
8 PFUnA	8.7	0.40	ng/L	8.00		109	70-145	0.3	30
9 PFDoA	8.7	0.40	ng/L	8.00		108	70-140	2	30
10 PFTrDA	8.7	0.40	ng/L	8.00		109	65-140	3	30
11 PFTeDA	9.0	0.40	ng/L	8.00		112	60-140	4	30
12 PFBS	7.3	0.40	ng/L	7.10		102	60-145	5	30
13 PFPeS	8.9	0.40	ng/L	7.52		119	65-140	2	30
14 PFHxS	7.5	0.40	ng/L	7.30		103	65-145	5	30
15 PFHpS	8.3	0.40	ng/L	7.62		109	70-150	0.4	30
16 PFOS	7.7	0.40	ng/L	7.42		104	55-150	5	30
17 PFNS	8.5	0.40	ng/L	7.68		110	65-145	0.7	30
18 PFDS	8.0	0.40	ng/L	7.72		103	60-145	4	30
19 PFDoS	8.0	0.40	ng/L	7.74		103	50-145	0.2	30
20 4:2FTS	32	1.6	ng/L	30.0		108	70-145	1	30
21 6:2FTS	33	1.6	ng/L	30.4		110	65-155	5	30
22 8:2FTS	33	1.6	ng/L	30.8		108	60-150	0.04	30
23 PFOSA	8.5	0.40	ng/L	8.00		106	70-145	2	30

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS Dup (BFG0079-BSD1)				Prepared: 07/07/26 08:32		Analyzed: 07/10/26 13:19			
24 NMeFOSA	8.1	0.40	ng/L	8.00		101	60-150	0.8	30
25 NEtFOSA	7.8	0.40	ng/L	8.00		98	65-145	4	30
26 NMeFOSAA	8.7	0.40	ng/L	8.00		109	50-140	0.07	30
27 NEtFOSAA	8.1	0.40	ng/L	8.00		101	70-145	6	30
28 NMeFOSE	83	4.0	ng/L	80.0		104	70-145	2	30
29 NEtFOSE	84	4.0	ng/L	80.0		105	70-135	2	30
30 HFPO-DA	35	1.6	ng/L	32.0		108	70-140	2	30
31 ADONA	35	1.6	ng/L	30.2		117	65-145	2	30
32 PFEESA	16	0.80	ng/L	14.3		109	70-140	3	30
33 PFMPA	17	0.80	ng/L	16.0		105	55-140	3	30
34 PFMBA	16	0.80	ng/L	16.0		100	60-150	0.7	30
35 NFDHA	18	0.80	ng/L	16.0		109	50-150	4	30
36 9Cl-PF3ONS	32	1.6	ng/L	29.8		109	70-155	3	30
37 11Cl-PF3OUDS	31	1.6	ng/L	30.2		103	55-160	2	30
38 3:3FTCA	42	2.0	ng/L	40.0		105	65-130	2	30
39 5:3FTCA	210	10	ng/L	200		107	70-135	4	30
40 7:3FTCA	210	10	ng/L	200		104	50-145	3	30
Surrogate: 13C4-PFBA	*31*		*ng/L*	*32.0*		*96*	*5-130*		
Surrogate: 13C5-PFPEA	*17*		*ng/L*	*16.0*		*107*	*40-130*		
Surrogate: 13C5-PFHXA	*7.6*		*ng/L*	*8.00*		*96*	*40-130*		
Surrogate: 13C4-PFHPA	*7.8*		*ng/L*	*8.00*		*98*	*40-130*		
Surrogate: 13C8-PFOA	*7.3*		*ng/L*	*8.00*		*91*	*40-130*		
Surrogate: 13C9-PFNA	*3.6*		*ng/L*	*4.00*		*90*	*40-130*		
Surrogate: 13C6-PFDA	*3.9*		*ng/L*	*4.00*		*97*	*40-130*		
Surrogate: 13C7-PFUnA	*3.8*		*ng/L*	*4.00*		*96*	*30-130*		
Surrogate: 13C2-PFDOA	*3.6*		*ng/L*	*4.00*		*89*	*10-130*		
Surrogate: 13C2-PFTEDA	*3.4*		*ng/L*	*4.00*		*85*	*10-130*		
Surrogate: 13C3-PFBS	*7.4*		*ng/L*	*7.46*		*100*	*40-135*		
Surrogate: 13C3-PFHXS	*7.0*		*ng/L*	*7.58*		*93*	*40-130*		
Surrogate: 13C8-PFOS	*7.3*		*ng/L*	*7.66*		*96*	*40-130*		
Surrogate: 13C2-4:2FTS	*20*		*ng/L*	*15.0*		*130*	*40-200*		
Surrogate: 13C2-6:2FTS	*15*		*ng/L*	*15.2*		*100*	*40-200*		
Surrogate: 13C2-8:2FTS	*15*		*ng/L*	*15.4*		*97*	*40-300*		
Surrogate: 13C8-PFOSA	*7.3*		*ng/L*	*8.00*		*92*	*40-130*		
Surrogate: D3-NMEFOSA	*4.9*		*ng/L*	*8.00*		*61*	*10-130*		
Surrogate: D5-NETFOSA	*5.0*		*ng/L*	*8.00*		*63*	*10-130*		
Surrogate: D3-NMEFOSAA	*14*		*ng/L*	*16.0*		*91*	*40-170*		
Surrogate: D5-NETFOSAA	*15*		*ng/L*	*16.0*		*96*	*25-135*		
Surrogate: D7-NMEFOSE	*67*		*ng/L*	*80.0*		*84*	*10-130*		
Surrogate: D9-NETFOSE	*68*		*ng/L*	*80.0*		*85*	*10-130*		
Surrogate: 13C3-HFPO-DA	*31*		*ng/L*	*32.0*		*98*	*40-130*		

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
MRL Check (BFG0079-MRL1)				Prepared: 07/07/26 08:32		Analyzed: 07/10/26 12:54			
1 PFBA	3.6	1.6	ng/L	3.20		112	70-140		
2 PFPeA	1.8	0.80	ng/L	1.60		111	65-135		
3 PFHxA	0.84	0.40	ng/L	0.800		106	70-145		
4 PFHpA	0.89	0.40	ng/L	0.800		111	70-150		
5 PFOA	0.90	0.40	ng/L	0.800		112	70-150		
6 PFNA	0.76	0.40	ng/L	0.800		96	70-150		
7 PFDA	0.85	0.40	ng/L	0.800		107	70-140		
8 PFUnA	0.87	0.40	ng/L	0.800		109	70-145		
9 PFDoA	0.86	0.40	ng/L	0.800		107	70-140		
10 PFTrDA	0.85	0.40	ng/L	0.800		106	65-140		
11 PFTeDA	0.84	0.40	ng/L	0.800		105	60-140		
12 PFBS	0.75	0.40	ng/L	0.710		105	60-145		
13 PFPeS	0.86	0.40	ng/L	0.752		114	65-140		
14 PFHxS	0.82	0.40	ng/L	0.730		112	65-145		
15 PFHpS	0.73	0.40	ng/L	0.762		96	70-150		
16 PFOS	0.81	0.40	ng/L	0.742		109	55-150		
17 PFNS	0.74	0.40	ng/L	0.768		96	65-145		
18 PFDS	0.78	0.40	ng/L	0.772		101	60-145		
19 PFDoS	0.72	0.40	ng/L	0.774		93	50-145		
20 4:2FTS	3.4	1.6	ng/L	3.00		112	70-145		
21 6:2FTS	3.5	1.6	ng/L	3.04		115	65-155		
22 8:2FTS	3.4	1.6	ng/L	3.08		109	60-150		
23 PFOSA	0.88	0.40	ng/L	0.800		109	70-145		
24 NMeFOSA	0.70	0.40	ng/L	0.800		88	60-150		
25 NEtFOSA	0.70	0.40	ng/L	0.800		88	65-145		
26 NMeFOSAA	0.74	0.40	ng/L	0.800		93	50-140		
27 NEtFOSAA	0.87	0.40	ng/L	0.800		108	70-145		
28 NMeFOSE	7.9	4.0	ng/L	8.00		99	70-145		
29 NEtFOSE	8.0	4.0	ng/L	8.00		100	70-135		
30 HFPO-DA	3.5	1.6	ng/L	3.20		108	70-140		
31 ADONA	3.6	1.6	ng/L	3.02		118	65-145		
32 PFEESA	1.6	0.80	ng/L	1.43		109	70-140		
33 PFMPA	1.7	0.80	ng/L	1.60		106	55-140		
34 PFMBA	1.6	0.80	ng/L	1.60		97	60-150		
35 NFDHA	1.7	0.80	ng/L	1.60		109	50-150		
36 9Cl-PF3ONS	3.3	1.6	ng/L	2.98		109	70-155		
37 11Cl-PF3OUDS	3.1	1.6	ng/L	3.02		103	55-160		
38 3:3FTCA	4.2	2.0	ng/L	4.00		106	65-130		
39 5:3FTCA	21	10	ng/L	20.0		107	70-135		
40 7:3FTCA	20	10	ng/L	20.0		98	50-145		
Surrogate: 13C4-PFBA	*31*		*ng/L*	*32.0*		*98*	*5-130*		
Surrogate: 13C5-PFPEA	*18*		*ng/L*	*16.0*		*114*	*40-130*		
Surrogate: 13C5-PFHXA	*8.2*		*ng/L*	*8.00*		*102*	*40-130*		

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Per- and Polyfluoroalkyl Substances (EPA 1633) (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
MRL Check (BFG0079-MRL1)				Prepared: 07/07/26 08:32 Analyzed: 07/10/26 12:54					
Surrogate: 13C4-PFHPA	*7.9*		*ng/L*	*8.00*		*99*	*40-130*		
Surrogate: 13C8-PFOA	*8.1*		*ng/L*	*8.00*		*101*	*40-130*		
Surrogate: 13C9-PFNA	*4.4*		*ng/L*	*4.00*		*110*	*40-130*		
Surrogate: 13C6-PFDA	*4.0*		*ng/L*	*4.00*		*100*	*40-130*		
Surrogate: 13C7-PFUnA	*3.9*		*ng/L*	*4.00*		*97*	*30-130*		
Surrogate: 13C2-PFDOA	*3.7*		*ng/L*	*4.00*		*93*	*10-130*		
Surrogate: 13C2-PFTEDA	*3.6*		*ng/L*	*4.00*		*89*	*10-130*		
Surrogate: 13C3-PFBS	*7.4*		*ng/L*	*7.46*		*99*	*40-135*		
Surrogate: 13C3-PFHXS	*7.3*		*ng/L*	*7.58*		*96*	*40-130*		
Surrogate: 13C8-PFOS	*7.5*		*ng/L*	*7.66*		*98*	*40-130*		
Surrogate: 13C2-4:2FTS	*19*		*ng/L*	*15.0*		*127*	*40-200*		
Surrogate: 13C2-6:2FTS	*15*		*ng/L*	*15.2*		*100*	*40-200*		
Surrogate: 13C2-8:2FTS	*15*		*ng/L*	*15.4*		*98*	*40-300*		
Surrogate: 13C8-PFOSA	*7.0*		*ng/L*	*8.00*		*87*	*40-130*		
Surrogate: D3-NMEFOSA	*4.6*		*ng/L*	*8.00*		*58*	*10-130*		
Surrogate: D5-NETFOSA	*4.7*		*ng/L*	*8.00*		*58*	*10-130*		
Surrogate: D3-NMEFOSAA	*14*		*ng/L*	*16.0*		*88*	*40-170*		
Surrogate: D5-NETFOSAA	*14*		*ng/L*	*16.0*		*87*	*25-135*		
Surrogate: D7-NMEFOSE	*63*		*ng/L*	*80.0*		*79*	*10-130*		
Surrogate: D9-NETFOSE	*63*		*ng/L*	*80.0*		*79*	*10-130*		
Surrogate: 13C3-HFPO-DA	*32*		*ng/L*	*32.0*		*100*	*40-130*		

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1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Metals

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Method: EPA 7470A									
Batch: BFF0454 - EPA 7470A/EPA 245.1									
Blank (BFF0454-BLK1)				Prepared & Analyzed: 06/26/26 11:27					
1 Mercury	ND	0.025	ug/L						
LCS (BFF0454-BS1)				Prepared & Analyzed: 06/26/26 11:29					
1 Mercury	0.254	0.025	ug/L	0.250		102	85-115		
Method: EPA 6020B									
Batch: BFF0460 - EPA 200.2									
Blank (BFF0460-BLK1)				Prepared: 06/26/26 10:42 Analyzed: 06/29/26 10:12					
1 ARSENIC (AS)	ND	0.10	ug/L						
1 BARIUM (BA)	ND	1.0	ug/L						
1 CADMIUM (CD)	ND	0.020	ug/L						
1 CHROMIUM (CR)	ND	2.0	ug/L						
1 COPPER (CU)	ND	2.0	ug/L						
1 LEAD (PB)	ND	2.0	ug/L						
1 SELENIUM (SE)	ND	2.0	ug/L						
1 SILVER (AG)	ND	0.20	ug/L						
1 ZINC (ZN)	ND	5.0	ug/L						
LCS (BFF0460-BS1)				Prepared: 06/26/26 10:42 Analyzed: 06/29/26 10:12					
1 ARSENIC (AS)	99.4	1.0	ug/L	100		99.4	85-115		
1 BARIUM (BA)	495	1.0	ug/L	500		99.1	85-115		
1 CADMIUM (CD)	98.7	0.20	ug/L	100		98.7	85-115		
1 CHROMIUM (CR)	201	2.0	ug/L	200		100	85-115		
1 COPPER (CU)	201	2.0	ug/L	200		101	85-115		
1 LEAD (PB)	207	2.0	ug/L	200		103	85-115		
1 SELENIUM (SE)	95.3	2.0	ug/L	100		95.3	85-115		
1 SILVER (AG)	97.8	0.20	ug/L	100		97.8	85-115		

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Quality Control
(Continued)

Metals (Continued)

Analyte	Result/ Qual	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BFF0460-BS1)				Prepared: 06/26/26 10:42		Analyzed: 06/29/26 10:12			
1 ZINC (ZN)	483	5.0	ug/L	500		96.5	85-115		
Matrix Spike (BFF0460-MS1)	**Source: 26F0277-01**			Prepared: 06/26/26 10:42		Analyzed: 06/29/26 10:12			
1 ARSENIC (AS)	107	1.0	ug/L	100	ND	107	75-125		
1 BARIUM (BA)	539	1.0	ug/L	500	11.9	105	70-130		
1 CADMIUM (CD)	107	0.20	ug/L	100	ND	107	75-125		
1 CHROMIUM (CR)	213	2.0	ug/L	200	ND	106	75-125		
1 COPPER (CU)	212	2.0	ug/L	200	ND	106	75-125		
1 LEAD (PB)	220	2.0	ug/L	200	ND	110	75-125		
1 SELENIUM (SE)	110	2.0	ug/L	100	ND	110	75-125		
1 SILVER (AG)	107	0.20	ug/L	100	ND	107	75-125		
1 ZINC (ZN)	520	5.0	ug/L	500	5.12	103	75-125		
Matrix Spike Dup (BFF0460-MSD1)	**Source: 26F0277-01**			Prepared: 06/26/26 10:42		Analyzed: 06/29/26 10:12			
1 ARSENIC (AS)	100	1.0	ug/L	100	ND	100	75-125	6.76	20
1 BARIUM (BA)	506	1.0	ug/L	500	11.9	98.8	70-130	6.29	20
1 CADMIUM (CD)	99.7	0.20	ug/L	100	ND	99.7	75-125	6.60	20
1 CHROMIUM (CR)	199	2.0	ug/L	200	ND	99.7	75-125	6.58	20
1 COPPER (CU)	198	2.0	ug/L	200	ND	99.1	75-125	6.66	20
1 LEAD (PB)	210	2.0	ug/L	200	ND	105	75-125	4.72	20
1 SELENIUM (SE)	99.2	2.0	ug/L	100	ND	99.2	75-125	10.4	20
1 SILVER (AG)	100	0.20	ug/L	100	ND	100	75-125	6.78	20
1 ZINC (ZN)	480	5.0	ug/L	500	5.12	94.9	75-125	8.11	20

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Notes and Definitions

Item	Definition
*	Duplicate analysis not within control limits.
ICV+	Recovery in the associated initial calibration verification sample exceeds the upper control limit. Results may be biased high.
L+	Recovery in the associated laboratory sample (LCS) exceeds the upper control limit. Results may be biased high.
MRL+	Recovery in the extended minimum reporting limit check exceeds the upper control limit. Results may be biased high.
V+	Recovery in the associated continuing calibration verification sample (CCV) exceeds the upper control limit. Results may be biased high.
Dry	Sample results reported on a dry weight basis.
MDL	Method Detection Limit (only displays if reported to the MDL)
ND	Analyte NOT DETECTED at or above the reporting limit.
DF	Dilution Factor
DL	Detection Limit
‡	Parameter not included in NELAC Scope of Analysis.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.

PQL, Practical Quantitation Limit = Method Reporting Limit (MRL).

Accreditation Number(s):
MI001292024-1

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

WORK ORDER

26F0277

Printed: 07/13/2026 8:06 am

Project: **Beautify Pullman**
Project Number: **51948**
Project Manager: **Amanda Sterle**
PO Number:

Report To:
Michigan Consulting and Environmental
Ian Temchin
1669 South Isabella Road
Mt. Pleasant, MI 48858
Phone: 9897722441
Fax: 9897732146

Invoice To:
Michigan Consulting and Environmental
Accounting
1669 South Isabella Road
Mt. Pleasant, MI 48858
Phone: 9897722441
Fax: 9897732146

Date Received: 06/23/2026 11:55 AM
Date Due: 07/08/2026 (10.00 day TAT)

Logged In By: Amaya Longstreth
Received By: Dale Shade

Analysis		Comments
26F0277-01 MW-3S [Water] Sampled 6/18/2026 2:25:00PM		
Arsenic 6020-MI	NONE	
Barium 6020-MI	NONE	
Cadmium 6020-MI	NONE	
Chromium 6020-MI	NONE	
Copper 6020-MI	NONE	
Lead 6020-MI	NONE	
Mercury 7470-MI	NONE	
Michigan Metals 6020-MI	NONE	
PFAS- 1633	40 Compounds	40 Compounds
Selenium 6020-MI	NONE	
Silver 6020-MI	NONE	
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)
Zinc 6020-MI	NONE	

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Analysis		Comments
26F0277-02 MW-3D [Water] Sampled 6/18/2026 3:05:00PM		
Arsenic 6020-MI	NONE	
Barium 6020-MI	NONE	
Cadmium 6020-MI	NONE	
Chromium 6020-MI	NONE	
Copper 6020-MI	NONE	
Lead 6020-MI	NONE	
Mercury 7470-MI	NONE	
Michigan Metals 6020-MI	NONE	
PFAS- 1633	40 Compounds	40 Compounds
Selenium 6020-MI	NONE	
Silver 6020-MI	NONE	
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)
Zinc 6020-MI	NONE	
26F0277-03 MW-6 [Water] Sampled 6/18/2026 12:45:00PM		
Arsenic 6020-MI	NONE	
Barium 6020-MI	NONE	
Cadmium 6020-MI	NONE	
Chromium 6020-MI	NONE	
Copper 6020-MI	NONE	
Lead 6020-MI	NONE	
Mercury 7470-MI	NONE	
Michigan Metals 6020-MI	NONE	
PFAS- 1633	40 Compounds	40 Compounds
Selenium 6020-MI	NONE	
Silver 6020-MI	NONE	
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)
Zinc 6020-MI	NONE	
26F0277-04 MW-7 [Water] Sampled 6/18/2026 10:55:00AM		
Arsenic 6020-MI	NONE	
Barium 6020-MI	NONE	
Cadmium 6020-MI	NONE	
Chromium 6020-MI	NONE	
Copper 6020-MI	NONE	
Lead 6020-MI	NONE	
Mercury 7470-MI	NONE	
Michigan Metals 6020-MI	NONE	
PFAS- 1633	40 Compounds	40 Compounds
Selenium 6020-MI	NONE	
Silver 6020-MI	NONE	
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)
Zinc 6020-MI	NONE	

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Analysis		Comments
26F0277-05 MW-9 [Water] Sampled 6/19/2026 9:40:00AM		
Arsenic 6020-MI	NONE	
Barium 6020-MI	NONE	
Cadmium 6020-MI	NONE	
Chromium 6020-MI	NONE	
Copper 6020-MI	NONE	
Lead 6020-MI	NONE	
Mercury 7470-MI	NONE	
Michigan Metals 6020-MI	NONE	
PFAS- 1633	40 Compounds	40 Compounds
Selenium 6020-MI	NONE	
Silver 6020-MI	NONE	
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)
Zinc 6020-MI	NONE	
26F0277-06 MW-11S [Water] Sampled 6/18/2026 5:00:00PM		
Arsenic 6020-MI	NONE	
Barium 6020-MI	NONE	
Cadmium 6020-MI	NONE	
Chromium 6020-MI	NONE	
Copper 6020-MI	NONE	
Lead 6020-MI	NONE	
Mercury 7470-MI	NONE	
Michigan Metals 6020-MI	NONE	
PFAS- 1633	40 Compounds	40 Compounds
Selenium 6020-MI	NONE	
Silver 6020-MI	NONE	
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)
Zinc 6020-MI	NONE	
26F0277-07 MW-11D [Water] Sampled 6/18/2026 4:10:00PM		
Arsenic 6020-MI	NONE	
Barium 6020-MI	NONE	
Cadmium 6020-MI	NONE	
Chromium 6020-MI	NONE	
Copper 6020-MI	NONE	
Lead 6020-MI	NONE	
Mercury 7470-MI	NONE	
Michigan Metals 6020-MI	NONE	
PFAS- 1633	40 Compounds	40 Compounds
Selenium 6020-MI	NONE	
Silver 6020-MI	NONE	
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)
Zinc 6020-MI	NONE	

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Analysis		Comments
26F0277-08 MW-13 [Water] Sampled 6/19/2026 11:11:00AM		
Arsenic 6020-MI	NONE	
Barium 6020-MI	NONE	
Cadmium 6020-MI	NONE	
Chromium 6020-MI	NONE	
Copper 6020-MI	NONE	
Lead 6020-MI	NONE	
Mercury 7470-MI	NONE	
Michigan Metals 6020-MI	NONE	
PFAS- 1633	40 Compounds	40 Compounds
Selenium 6020-MI	NONE	
Silver 6020-MI	NONE	
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)
Zinc 6020-MI	NONE	
26F0277-09 MW-14S [Water] Sampled 6/19/2026 1:00:00PM		
Arsenic 6020-MI	NONE	
Barium 6020-MI	NONE	
Cadmium 6020-MI	NONE	
Chromium 6020-MI	NONE	
Copper 6020-MI	NONE	
Lead 6020-MI	NONE	
Mercury 7470-MI	NONE	
Michigan Metals 6020-MI	NONE	
PFAS- 1633	40 Compounds	40 Compounds
Selenium 6020-MI	NONE	
Silver 6020-MI	NONE	
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)
Zinc 6020-MI	NONE	
26F0277-10 MW-14I [Water] Sampled 6/19/2026 1:52:00PM		
Sample Comments: One VOA unused		
Arsenic 6020-MI	NONE	
Barium 6020-MI	NONE	
Cadmium 6020-MI	NONE	
Chromium 6020-MI	NONE	
Copper 6020-MI	NONE	
Lead 6020-MI	NONE	
Mercury 7470-MI	NONE	
Michigan Metals 6020-MI	NONE	
PFAS- 1633	40 Compounds	40 Compounds
Selenium 6020-MI	NONE	
Silver 6020-MI	NONE	
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)
Zinc 6020-MI	NONE	

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Analysis		Comments
26F0277-11 MW-14D [Water] Sampled 6/19/2026 2:35:00PM		
Arsenic 6020-MI	NONE	
Barium 6020-MI	NONE	
Cadmium 6020-MI	NONE	
Chromium 6020-MI	NONE	
Copper 6020-MI	NONE	
Lead 6020-MI	NONE	
Mercury 7470-MI	NONE	
Michigan Metals 6020-MI	NONE	
PFAS- 1633	40 Compounds	40 Compounds
Selenium 6020-MI	NONE	
Silver 6020-MI	NONE	
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)
Zinc 6020-MI	NONE	
26F0277-12 DUP [Water] Sampled 6/19/2026 12:00:00AM		
Arsenic 6020-MI	NONE	
Barium 6020-MI	NONE	
Cadmium 6020-MI	NONE	
Chromium 6020-MI	NONE	
Copper 6020-MI	NONE	
Lead 6020-MI	NONE	
Mercury 7470-MI	NONE	
Michigan Metals 6020-MI	NONE	
PFAS- 1633	40 Compounds	40 Compounds
Selenium 6020-MI	NONE	
Silver 6020-MI	NONE	
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)
Zinc 6020-MI	NONE	
26F0277-13 TB007090 [Water] Sampled 6/18/2026 12:00:00AM		
VOC 8260-W-MI	Standard Full lIst (62)	Standard Full List (62)

Samples subcontracted to: Merit Laboratories, Inc.

26F0277-01 MW-3S [Water] Sampled 6/18/2026 2:25:00PM		
Sub- 1,4-Dioxane	NONE	To Merit
26F0277-02 MW-3D [Water] Sampled 6/18/2026 3:05:00PM		
Sub- 1,4-Dioxane	NONE	To Merit
26F0277-03 MW-6 [Water] Sampled 6/18/2026 12:45:00PM		
Sub- 1,4-Dioxane	NONE	To Merit
26F0277-04 MW-7 [Water] Sampled 6/18/2026 10:55:00AM		
Sub- 1,4-Dioxane	NONE	To Merit
26F0277-05 MW-9 [Water] Sampled 6/19/2026 9:40:00AM		
Sub- 1,4-Dioxane	NONE	To Merit
26F0277-06 MW-11S [Water] Sampled 6/18/2026 5:00:00PM		
Sub- 1,4-Dioxane	NONE	To Merit
26F0277-07 MW-11D [Water] Sampled 6/18/2026 4:10:00PM		
Sub- 1,4-Dioxane	NONE	To Merit
26F0277-08 MW-13 [Water] Sampled 6/19/2026 11:11:00AM		
Sub- 1,4-Dioxane	NONE	To Merit
26F0277-09 MW-14S [Water] Sampled 6/19/2026 1:00:00PM		
Sub- 1,4-Dioxane	NONE	To Merit

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Metiri Group - Holt - 1914 Holloway Dr, Holt, MI 48842

Michigan Consulting and Environmental	Project: Beautify Pullman	
1669 South Isabella Road	Project Number: 51948	
Mt. Pleasant, MI 48858	Project Manager: Ian Temchin	Reported: 07/13/2026 08:05

Analysis		Comments

Samples subcontracted to: Merit Laboratories, Inc.

26F0277-10 MW-14I [Water] Sampled 6/19/2026 1:52:00PM

Sample Comments: One VOA unused

Sub- 1,4-Dioxane	NONE	To Merit

26F0277-11 MW-14D [Water] Sampled 6/19/2026 2:35:00PM

Sub- 1,4-Dioxane	NONE	To Merit

26F0277-12 DUP [Water] Sampled 6/19/2026 12:00:00AM

Sub- 1,4-Dioxane	NONE	To Merit

26F0277-14 TB007091 [Water] Sampled 6/18/2026 12:00:00AM

Sub- 1,4-Dioxane	NONE	To Merit

26F0277 **Sample Receipt Log**

Default Cooler

Samples Received at: **2.4°C**

Were Custody Seals present and signed?	No	Container/preservative correct for test requested?	Yes
Received on Ice	Yes	Sufficient amount sent for tests requested?	Yes
Within proper temp	Yes	Required containers sealed in separate bags?	Yes
Were all TO-15 samples received at ambient?	No	Were all samples inspected and sampled correctly?	Yes
Was a chain of custody received?	Yes	Were bubbles absent in volatile samples?	Yes
COCs complete/signed in the appropriate places?	Yes	Sufficient remaining holding time for analyses?	Yes
Were all samples listed on COC received?	Yes	If Applicable pH documented for necessary samples?	Yes
Did all samples/container labels agree with COCs?	Yes	If applicable, was the chlorine test negative?	No
Did all containers arrive in good condition?	Yes	If applicable, samples free of oxidizers?	No
Containers Intact	Yes	Thermometer # : 10003954 used?	Yes

Michigan Metals 6020-MI

Zinc 6020-MI	Silver 6020-MI	Selenium 6020-MI	Mercury 7470-MI
Lead 6020-MI	Copper 6020-MI	Chromium 6020-MI	Cadmium 6020-MI
Barium 6020-MI	Arsenic 6020-MI		

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METIRI

Holt Laboratory (lab.holt@metirigroup.com)
1914 Holloway Drive, Holt, MI 48842
Phone: 517 699 0345 Fax: 517 699 0388

Brighton Geoprobe (michael.mccourtie@metirigroup.com)
11766 E. Grand River Rd. Brighton, MI 48116
Phone: 810 220 3300 Fax: 810 220 3311

C# 235089

Page 1 of 2

Client Name: Michigan Consulting & Env. (MCE)

Contact Person: Ian Temchin

Project Name/ Number: 51948 Beautify Pullman (B.P.)

Email distribution list: itemchin@michenv.com

PO#:

Quote #: MCE 060826-Beautify Pullman

Turnaround Request: Standard: ✓ Rush (Specify Date) _____ Other (Specify Date): _____

PARAMETERS

Date	Time	Sample #	Client Sample Descriptor	MATRIX CODE	# OF CONTAINERS	VOCs (8260)	PFAS (40 by 1633)	MI 10 Metals	1,4-dioxane (8260 sim)							HOLD SAMPLE ?
6/18/26	14:25		MW-3S	GW	10	X	X	X	X							
6/18/26	15:05		MW-3D													
6/18/26	12:45		MW-6													
6/18/26	10:55		MW-7													
6/19/26	09:40		MW-9													
6/18/26	17:00		MW-11S													
6/18/26	16:10		MW-11D													
6/19/26	11:11		MW-13													
6/19/26	13:00		MW-14S													
6/19/26	13:52		MW-14I													
6/19/26	14:35		MW-14D													
6/18/26	—		DUP													
			TB-007090	X	3	X										

Matrix Code

S	Soil	GW	Ground water
O	Oil	SW	Surface water
P	Wipe	WW	Waste water
A	Air	X	Other

Deliverables

	Level 1
	Level 2
	Level 3
	Level 4

EDD Type: ☒ Standard ☐ EQuIS ☐ 201 ☐ Custom
(list custom deliverable): _____

Remarks: PDF + CSV

Received By Lab
[illegible] 2026
Initials: RSR

Comments:

Sampled/Relinquished By:	Date/ Time	Received By:
Ian Temchin	6/23/2026 11:55	[signature] 6/23/26 11:55
Relinquished By: [signature] 6/23/26	Date/ Time 13:34	Received By: [signature]
Relinquished By:	Date/ Time	Received By:

LAB USE ONLY

Temperature upon receipt at Lab:

Metiri Group WO#: 26F0277

Received On Ice 2.4°C

Please see back for terms and conditions

DCSID: G-549.1 (10/23/2025)

METIRI

Holt Laboratory (lab.holt@metirigroup.com)
1914 Holloway Drive, Holt, MI 48842
Phone: 517 699 0345 Fax: 517 699 0388

Brighton Geoprobe (michael.mccourtie@metirigroup.com)
11766 E. Grand River Rd. Brighton, MI 48116
Phone: 810 220 3300 Fax: 810 220 3311

C# 235090

Client Name: MCE
Contact Person: Ian Temchin
Project Name/ Number: 51948 - B.P.
Email distribution list: itemchin@michenv.com
PO#:
Quote #: MCE-060826-BeautifyPullman

Turnaround Request: Standard: X Rush (Specify Date) _____ Other (Specify Date): _____

Date	Time	Sample #	Client Sample Descriptor	MATRIX CODE	# OF CONTAINERS	1,4 dioxane (8260 SIM)	HOLD SAMPLE ?
			TB-007091	X	3	X	

PARAMETERS

Matrix Code

					Deliverables
S	Soil	GW	Ground water		Level 1
O	Oil	SW	Surface water		Level 2
P	Wipe	WW	Waste water		Level 3
A	Air	X	Other		Level 4

EDD Type: ☐ Standard ☐ EQuIS ☐ 201 ☐ Custom
(list custom deliverable): _____

Remarks:

Received By Lab
JUN 23 2026
Initials: RSR

Comments:

Sampled/Relinquished By:	Date/ Time	Received By:	LAB USE ONLY
Ian Temchin	6/23/2026 11:55	[signature] 6/23/26 11:55	Temperature upon receipt at Lab: Received On Ice 2.4°C
Relinquished By: [signature] 6/23/26	Date/ Time 13:34	Received By:	Metiri Group WO#: 26F0277
Relinquished By:	Date/Time	Received By:	

Please see back for terms and conditions

Analytical Laboratory Report

Table of Contents

Report ID: S88906.01(01)
Generated on 07/01/2026

Report to

Attention: Julia Hicks
Metiri Group Holt
1914 Holloway Drive
Holt, MI 48842

Phone: 517-273-4925 x4212 FAX:
Email: julia.hicks@metirigroup.com

Addtional Contacts: Metiri Group Holt Lab

Report produced by

Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
John Laverty (johnlaverty@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary

Lab Sample ID(s): S88906.01-S88906.13
Project: 26F0277
Collected Date(s): 06/18/2026 - 06/19/2026
Submitted Date/Time: 06/25/2026 08:26
Sampled by: Unknown
P.O. #:

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Sample Summary (Page 5)



Maya Murshak
Technical Director

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).
When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.
40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.
QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.
Starred (*) analytes are not NY NELAP accredited.
Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc.
Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)
PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."
Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.
Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.
All accreditations/certifications held by this laboratory are listed on page 3. Not all accreditations/certifications are applicable to this report.
For a specific list of accredited analytes, please feel free to contact the laboratory or visit https://www.meritlabs.com/certifications.

Report Narrative

There is no additional narrative for this analytical report

Laboratory Accreditations (For Reference Only)

Authority	Accreditation ID
Michigan DEQ	#9956
DOD ELAP & ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
o	Associated EIS outside of control limits
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
q	Qualifier ion ratio outside of control limits
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched

Method Summary

Method	Version
N/A	Not Applicable
SW8260B - SIM	SW 846 Method 8260B Revision 2 December 1996 SIMs

Sample Summary (13 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S88906.01	26F0277-01 MW-3S	Groundwater	06/18/26 14:25
S88906.02	26F0277-02 MW-3D	Groundwater	06/18/26 15:05
S88906.03	26F0277-03 MW-6	Groundwater	06/18/26 12:45
S88906.04	26F0277-04 MW-7	Groundwater	06/18/26 10:55
S88906.05	26F0277-05 MW-9	Groundwater	06/19/26 09:40
S88906.06	26F0277-06 MW-11S	Groundwater	06/18/26 17:00
S88906.07	26F0277-07 MW-11D	Groundwater	06/18/26 16:10
S88906.08	26F0277-08 MW-13	Groundwater	06/19/26 11:11
S88906.09	26F0277-09 MW-14S	Groundwater	06/19/26 13:00
S88906.10	26F0277-10 MW-14I	Groundwater	06/19/26 13:52
S88906.11	26F0277-11 MW-14D	Groundwater	06/19/26 14:35
S88906.12	26F0277-12 DUP	Groundwater	06/19/26 00:00
S88906.13	26F0277-14 TB007091	Groundwater	06/18/26 00:00

Lab Sample ID: S88906.01
Sample Tag: 26F0277-01 MW-3S
Collected Date/Time: 06/18/2026 14:25
Matrix: Groundwater
COC Reference: 1

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	5.5	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 18:27, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Lab Sample ID: S88906.02
Sample Tag: 26F0277-02 MW-3D
Collected Date/Time: 06/18/2026 15:05
Matrix: Groundwater
COC Reference: 1

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	5.5	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 18:52, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Lab Sample ID: S88906.03
Sample Tag: 26F0277-03 MW-6
Collected Date/Time: 06/18/2026 12:45
Matrix: Groundwater
COC Reference: 1

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	5.5	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 19:17, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Lab Sample ID: S88906.04
Sample Tag: 26F0277-04 MW-7
Collected Date/Time: 06/18/2026 10:55
Matrix: Groundwater
COC Reference: 1

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	5.5	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 19:42, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Lab Sample ID: S88906.05
Sample Tag: 26F0277-05 MW-9
Collected Date/Time: 06/19/2026 09:40
Matrix: Groundwater
COC Reference: 1

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	5.5	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 20:07, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Lab Sample ID: S88906.06
Sample Tag: 26F0277-06 MW-11S
Collected Date/Time: 06/18/2026 17:00
Matrix: Groundwater
COC Reference: 1

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	5.5	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 20:33, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Lab Sample ID: S88906.07
Sample Tag: 26F0277-07 MW-11D
Collected Date/Time: 06/18/2026 16:10
Matrix: Groundwater
COC Reference: 2

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	5.5	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 20:58, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Lab Sample ID: S88906.08
Sample Tag: 26F0277-08 MW-13
Collected Date/Time: 06/19/2026 11:11
Matrix: Groundwater
COC Reference: 2

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	5.5	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 21:23, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Lab Sample ID: S88906.09
Sample Tag: 26F0277-09 MW-14S
Collected Date/Time: 06/19/2026 13:00
Matrix: Groundwater
COC Reference: 2

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	5.5	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 21:49, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Lab Sample ID: S88906.10
Sample Tag: 26F0277-10 MW-14I
Collected Date/Time: 06/19/2026 13:52
Matrix: Groundwater
COC Reference: 2

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	5.5	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 22:14, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Lab Sample ID: S88906.11
Sample Tag: 26F0277-11 MW-14D
Collected Date/Time: 06/19/2026 14:35
Matrix: Groundwater
COC Reference: 2

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	5.5	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 22:39, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Lab Sample ID: S88906.12
Sample Tag: 26F0277-12 DUP
Collected Date/Time: 06/19/2026 00:00
Matrix: Groundwater
COC Reference: 2

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	5.5	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 23:05, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Lab Sample ID: S88906.13
Sample Tag: 26F0277-14 TB007091
Collected Date/Time: 06/18/2026 00:00
Matrix: Groundwater
COC Reference: 2

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40mL Glass	HCL	Yes	13.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	07/01/26 10:26	ACK	

Organics - Volatiles

Method: SW8260B - SIM, Run Date: 06/30/26 15:52, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,4-Dioxane*	Not detected	1		ug/L	1	123-91-1	

Merit Laboratories Login Checklist

Table of Contents

Lab Set ID: S88906
Client: METIRI (Metiri Group Holt)
Project: 26F0277
Submitted: 06/25/2026 08:26 Login User: MMC

Attention: Julia Hicks
Address: Metiri Group Holt
1914 Holloway Drive
Holt, MI 48842

Phone: 517-273-4925 x4212 FAX:
Email: julia.hicks@metirigroup.com

Selection				Description	Note
Sample Receiving					
01.	[X] Yes	[ ] No	[ ] N/A	Samples are received at 4C +/- 2C Thermometer #	IR 5.5 (.01-.12) IR 13.0 (.13)
02.	[X] Yes	[ ] No	[ ] N/A	Received on ice/ cooling process begun	
03.	[ ] Yes	[X] No	[ ] N/A	Samples shipped	
04.	[ ] Yes	[X] No	[ ] N/A	Samples left in 24 hr. drop box	
05.	[ ] Yes	[ ] No	[X] N/A	Is the drop box locked	
06.	[ ] Yes	[ ] No	[X] N/A	Are there custody seals/tape present	
07.	[ ] Yes	[ ] No	[X] N/A	Are there custody seals/tape intact	
Chain of Custody					
08.	[X] Yes	[ ] No	[ ] N/A	COC adequately filled out	
09.	[X] Yes	[ ] No	[ ] N/A	COC signed and relinquished to the lab	
10.	[X] Yes	[ ] No	[ ] N/A	Sample tag on bottles match COC	
11.	[ ] Yes	[X] No	[ ] N/A	Subcontracting needed? Subcontacted to:	
Preservation					
12.	[X] Yes	[ ] No	[ ] N/A	Do sample have correct chemical preservation	
13.	[ ] Yes	[ ] No	[X] N/A	Completed pH checks on preserved samples? (no VOAs)	
14.	[ ] Yes	[X] No	[ ] N/A	Did any samples need to be preserved in the lab?	
Bottle Conditions					
15.	[X] Yes	[ ] No	[ ] N/A	All bottles intact	
16.	[X] Yes	[ ] No	[ ] N/A	Appropriate analytical bottles are used	
17.	[ ] Yes	[X] No	[ ] N/A	Merit bottles used	
18.	[X] Yes	[ ] No	[ ] N/A	Sufficient sample volume received	
19.	[ ] Yes	[X] No	[ ] N/A	Samples require laboratory filtration	
20.	[X] Yes	[ ] No	[ ] N/A	Samples submitted within holding time	
21.	[ ] Yes	[X] No	[ ] N/A	Do water VOC, TOX, DO or Alkalinity bottles contain	

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____

METIRI

SUBCONTRACT ORDER

Sending Laboratory:

Metiri Group - Holt
1914 Holloway Dr
Holt, MI 48842
Phone: (517) 699-0345
Fax: (517) 699-0388

Project Manager: Julia Hicks

Subcontracted Laboratory:

Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823
Phone: 5173320167
Fax: 5173326333

Work Order: 26F0277

Analysis	Due	Expires	Comments
Sample ID: 26F0277-01 ***Ground Water*** ***Sampled: 06/18/2026 14:25*** ***SampleName: MW-3S*** 88906.01			
Sub- 1,4-Dioxane	06/30/2026	07/02/2026 14:25	To Merit
Containers Supplied:			
Sample ID: 26F0277-02 ***Ground Water*** ***Sampled: 06/18/2026 15:05*** ***SampleName: MW-3D*** .02			
Sub- 1,4-Dioxane	06/30/2026	07/02/2026 15:05	To Merit
Containers Supplied:			
Sample ID: 26F0277-03 ***Ground Water*** ***Sampled: 06/18/2026 12:45*** ***SampleName: MW-6*** .03			
Sub- 1,4-Dioxane	06/30/2026	07/02/2026 12:45	To Merit
Containers Supplied:			
Sample ID: 26F0277-04 ***Ground Water*** ***Sampled: 06/18/2026 10:55*** ***SampleName: MW-7*** .04			
Sub- 1,4-Dioxane	06/30/2026	07/02/2026 10:55	To Merit
Containers Supplied:			
Sample ID: 26F0277-05 ***Ground Water*** ***Sampled: 06/19/2026 09:40*** ***SampleName: MW-9*** .05			
Sub- 1,4-Dioxane	06/30/2026	07/03/2026 09:40	To Merit
Containers Supplied:			
Sample ID: 26F0277-06 ***Ground Water*** ***Sampled: 06/18/2026 17:00*** ***SampleName: MW-11S*** .06			
Sub- 1,4-Dioxane	06/30/2026	07/02/2026 17:00	To Merit
Containers Supplied:			

Released By — Date: 6/25/26 8:26 AM.

Received By: M Chilcote — Date: 6/25/26 0826

IR 5.5

METIRI

SUBCONTRACT ORDER
(Continued)

Work Order: 26F0277 (Continued)

Analysis	Due	Expires	Comments
Sample ID: 26F0277-07 *Ground Water* *Sampled: 06/18/2026 16:10* *SampleName: MW-11D*			88906.07
Sub- 1,4-Dioxane	06/30/2026	07/02/2026 16:10	To Merit
Containers Supplied:			
Sample ID: 26F0277-08 *Ground Water* *Sampled: 06/19/2026 11:11* *SampleName: MW-13*			.08
Sub- 1,4-Dioxane	06/30/2026	07/03/2026 11:11	To Merit
Containers Supplied:			
Sample ID: 26F0277-09 *Ground Water* *Sampled: 06/19/2026 13:00* *SampleName: MW-14S*			.09
Sub- 1,4-Dioxane	06/30/2026	07/03/2026 13:00	To Merit
Containers Supplied:			
Sample ID: 26F0277-10 *Ground Water* *Sampled: 06/19/2026 13:52* *SampleName: MW-14I*			.10
Sub- 1,4-Dioxane	06/30/2026	07/03/2026 13:52	To Merit
Containers Supplied:			
Sample ID: 26F0277-11 *Ground Water* *Sampled: 06/19/2026 14:35* *SampleName: MW-14D*			.11
Sub- 1,4-Dioxane	06/30/2026	07/03/2026 14:35	To Merit
Containers Supplied:			
Sample ID: 26F0277-12 *Ground Water* *Sampled: 06/19/2026 00:00* *SampleName: DUP*			.12
Sub- 1,4-Dioxane	06/30/2026	07/03/2026 00:00	To Merit
Containers Supplied:			

Released By — Date: 6/25/26

Received By — Date: 6/25/26 0826

METIRI

SUBCONTRACT ORDER
(Continued)

Work Order: 26F0277 (Continued)

Analysis	Due	Expires	Comments
Sample ID: 26F0277-07 *Ground Water* *Sampled: 06/18/2026 16:10* *SampleName: MW-11D*			
Sub- 1,4-Dioxane	06/30/2026	07/02/2026 16:10	To Merit
Containers Supplied:			
Sample ID: 26F0277-08 *Ground Water* *Sampled: 06/19/2026 11:11* *SampleName: MW-13*			
Sub- 1,4-Dioxane	06/30/2026	07/03/2026 11:11	To Merit
Containers Supplied:			
Sample ID: 26F0277-09 *Ground Water* *Sampled: 06/19/2026 13:00* *SampleName: MW-14S*			
Sub- 1,4-Dioxane	06/30/2026	07/03/2026 13:00	To Merit
Containers Supplied:			
Sample ID: 26F0277-10 *Ground Water* *Sampled: 06/19/2026 13:52* *SampleName: MW-14I*			
Sub- 1,4-Dioxane	06/30/2026	07/03/2026 13:52	To Merit — One VOA unused
Containers Supplied:			
Sample ID: 26F0277-11 *Ground Water* *Sampled: 06/19/2026 14:35* *SampleName: MW-14D*			
Sub- 1,4-Dioxane	06/30/2026	07/03/2026 14:35	To Merit
Containers Supplied:			
Sample ID: 26F0277-12 *Ground Water* *Sampled: 06/19/2026 00:00* *SampleName: DUP*			
Sub- 1,4-Dioxane	06/30/2026	07/03/2026 00:00	To Merit
Containers Supplied:			
Sample ID: 26F0277-14 *Water* *Sampled: 06/18/2026 00:00* *SampleName: TB007091* 88906.13			
Sub- 1,4-Dioxane	06/30/2026	07/02/2026 00:00	To Merit
Containers Supplied:			

↖ Just -14

Amanda R Stell 6/25 1609
Released By Date

M Allcato 6/25/26 1609
Received By Date

IR 13.0